

Hall River, Mass.

## MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

Copies of the Bulletin will be mailed upon request

VOL. I. MARCH, 1917 NO. 5

# Mortality for the Month of February, 1917. After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.

	After the Bertillon Classificat	tion of	Causes of Deaths, Second International Dece	ennial	Revision, Paris, 1909.
	I GENERAL DISEASES	70	Chorea		VII—THE PUERPERAL STATE.
	I-GENERAL DISEASES.	72 73	Neuralgia and Neuritis	134	Accidents of Pregnancy
1	Typhoid Fever	74	Other Diseases of Nervous System	135	Puerperal Haemorrhage
2	Typhus Fever	75	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor
3	Relapsing Fever	76	Diseases of the Ears	137	Puerperal Septicæmia
5	Smallpox	III-	DISEASES OF THE CIRCULATORY	138	Puerperal Albuminuria and Convulsions
6	Measles		SYSTEM.	139	Puerperal Phlegmasia Alba Dolens, em- bolus, Sudden Death
7	Scarlet Fever 1	77	Pericarditis	140	Following Childbirth (not otherwise de-
8	Whooping Cough	78	Acute Endocarditis		fined]
9	Diphtheria and Croup	79	Organic Diseases of Heart 25	141	Puerperal Diseases of the Breast
11	Military Fever	80	Angina Pectoris	VIII	-DISEASES OF THE SKIN AND OF
12	Asiatic Cholera	81	Diseases of the Arteries, Atheroma,	-	THE CELLULAR TISSUE.
13	Cholera Nostras	82	Aneurysm, etc	142	Gangrene
14	Dysentery	83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle
15	Yellow Fever		phlebitis, etc.	144	Acute Abscess
16 17	Leprosy	84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa
18	Erysipelas 1	0.5	gitis, etc.)	IX-	DISEASES OF THE BONES AND OF
19	Other Epidemic Diseases	85	Haemorrhage; Other Diseases of the Circulatory System		THE ORGANS OF LOCOMOTION.
20	Purulent Infection and Septicæmia			146	Diseases of the Bones (Tuberculosis
21	Anthray	IV-	DISEASES OF THE RESPIRATORY		Excepted)
22 23	Rabies		SYSTEM.	147	Diseases of the Joints (Tuberculosis and
24	Tetanus	86	Diseases of Nasal Fossae	1.60	Rheumatism Excepted)
25	Mycoses	87	Diseases of Larynx	148	Amputations
26	Pellagra	88	Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-
27	Tuberculosis of the Lungs	89 90	Chronic Bronchitis		
28 29	Acute Miliary Tuberculosis	91	Bronchopneumonia31	1	X-MALFORMATIONS.
30	Tuberculous Meningitis 4	92	Pneumonia38	150	Congenital Malformation (Still births
31	Abdominal Tuberculosis	93	Pleurisy		not Included) 1
32	Pott's Disease	94	Pulmonary Congestion, Pulmonary	X	I-DISEASES OF EARLY INFANCY.
33	White Swellings	95	Gangrene of the Lung	151	Congenital Debility Icterus and Sclerema
34	Tuberculosis of other Organs  Disseminated Tuberculosis	96	Asthma	a	Premature Birth
35 36	Rickets	97	Pulmonary Emphysema	b	Congenital Debility 1
37	Syphilis	98	Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy 2
38	Gonococcus Infection		(Tuberculosis Excepted)	153	Lack of Care
39	Cancer and other Malignant Tumors of	V-	-DISEASES OF THE DIGESTIVE SYS-		XII-OLD AGE.
40	the Buccal Cavity		TEM.	154	Senility2
40	the Stomach, Liver	99	Diseases of the Mouth and Annexa	-	XIII-EXTERNAL CAUSES.
41	Cancer and other Malignant Tumors of	100	Diseases of the Pharynx		
	the Peritoneum, Intestines, Rectum 2	101	Diseases of the Oesophagus	155	Suicide by Poison
42	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	156 157	Suicide by Asphyxia
A7	the Female Genital Organs	103	Other Diseases of the Stomach (Cancer Excepted) 1	158	Suicide by Drowning
43	the breast	104	Diarrhoea and Enteritis (under 2 years]13	159	Suicide by Firearms
44	Cancer and other Malignant Tumors of	105	Diarrhoea and Enteritis (2 years and over) 2	160	Suicide by Cutting or Piercing Instru-
	the skin	106	Ankylostomiasis	101	ments
45	Cancer and other Malignant Tumors of	107	Intestinal Parasites	161 162	Sucide by Jumping from a High Place Su cide by Crushing
	other organs and of organs not specified	108	Appendicitis and Typhlitis	163	Other Suicides
46	Other Tumors (Tumors of the female	110	Other Diseases of the Intestines	164	Poisoning by Food
40	genital organs excepted)	111	Acute Yellow Atrophy of the Liver	165	Other Acute Poisonings
47	Acute Articular Rheumatism	112	Hydatid Tumor of the Liver	166	Conflagration
48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	167	Burns [Conflagration Excepted]
49	Scurvy 3	114	Biliary Calculi Other Diseases of the Liver.	168	flagration Excepted] 2
50 51	Exophthalmic Goitre	116	Diseases of the Spleen	169	Accidental Drowning 1
52	Addison's Disease	117	Simple Peritonitis (nonpuerperal) 1	170	Traumatism by Firearms
53	Leuchæmia	118	Other Diseases of the Digestive System	171	Traumatism by Cutting or Piercing In-
54	Anæmia, Chlorosis		Cancer and Tuberculosis Excepted	172	Struments Traumatism by Fall
55 56	Other General Diseases	VI-	NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
57	Chronic Lead Poisoning		GENITO-URINARY SYSTEM AND	174	Traumatism by Machines
58	Other Chronic Occupation Poisonings	1	ANNEXA.	175	Traumatism by other Crushing [Vehi-
59	Other Chronic Poisonings	119	Acute Nephritis	170	cles, Railroad, Landslides, etc.]
	HERASES OF THE MEDICILE OVERTER	120	Bright's Disease	176 177	Injuries by AnimalsStarvation
	DISEASES OF THE NERVOUS SYSTEM	121	Chyluria	178	Excessive Cold
Al	ND OF THE ORGANS OF SPECIAL	122	Other Diseases of the Kidneys and	179	Effects of Heat
	SENSE.	123	Annexa	180	Lightning
60	Encephalitis	123	Calculi of the Urinary Passages Diseases of the Bladder.	181	Electricity [Lightning Excepted]
60	Simple Meningitis	125	Diseases of the Urethra, Urinary	182	Homicide by Firearms
61a	Cerebrospinal Fever		Abscess, etc.	100	struments
62	Locomotor Ataxia	126	Diseases of the Prostate	184	Homicide by other Means
63a	Anterior Poliomyelitis	127	Nonvenereal Diseases of the Male Geni-	185	Fractures [Cause not Specified]
64	Other Diseases of the Spinal Cord	128	tal Organs	186	Other External Violence
65	Softening of Brain	129	Uterine Tumor (noncancerous)	33115	XIV-ILL DEFINED DISEASES.
66	Paralysis Without Specified Cause	130	Other Diseases of the Uterus	187	Ill Defined Organic Disease
67	General Paralysis of the Insane	131	Cysts and other Tumors of the Ovary	188	Sudden Death
68	Other Forms of Mental Alienation	132	Salpingitis and other Diseases of the  Female Genital Organs	189	Cause of Death not Specified or Ill-defined 4
69 70	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast	-	
71	Convulsions of Infants 2		(Cancer Excepted	1	OTAL DEATHS 235

#### DEATHS BY AGES Females Under 1 day ...... 4 1-2 days ...... 1 2-3 days ...... 1 3 days-1 week ...... 2 1-2 weeks ..... 4 2-3 weeks ...... 6 2 3 wks-1 month...... 1 1-2 months......10 2-3 months ...... 2 0 3-6 months......10 4 6-9 months ...... 9 9-12 months...... 9 2 1 year ......22 11 2 years .....12 3 years ..... 4 4 0 4 years ...... 4 2 5-9 years..... 7 10-14 years ...... 2 2 15-19 years..... 1 0 20-24 years ...... 2 2 25-29 years ...... 1 0 30-34 years...... 7 4 35-39 years ..... 6 2 40-44 years..... 5 2 45-49 years.....12 50-54 years ......11 6 55-59 years......16 11 5 60-64 years...... 8 3 65-69 years.....15 6 70-74 years......18 11 7 75-79 years...... 6 4 80-84 years ...... 8 2 85-89 years..... 7 3 4 90-94 years..... 2 95-99 years..... 0 0 100 + ...... 0 0 Unknown ...... 0 Total 235 132 103 DEATHS BY WARDS 1 ..... 30 2 ...... 32 3 ..... 29 23 5 ..... 24 25 6 .....

7

8 .....

9 .....

13

40

19

City Hospital 8	
Union Hospital 6	
St. Anne's Hospital 4	
Bay View Hospital 7	
Highland Rd. Hospital 1	
Highland Hospital2	
The state of the s	
STILL BIRTHS	
	a.
Males 9	
Females 3	
Unknown 0 Total 12	-
12	
NI A MITTERMAN	
NATIVITY	
Fall River121	
Fall River121 Massachusetts17	
Massachusetts17	
Massachusetts         17           Other States         12	
Massachusetts         17           Other States         12           Ireland         18	
Massachusetts       17         Other States       12         Ireland       18         Canada       20	
Massachusetts       17         Other States       12         Ireland       18         Canada       20         England       25	
Massachusetts       17         Other States       12         Ireland       18         Canada       20         England       25         Scotland       1	
Massachusetts       17         Other States       12         Ireland       18         Canada       20         England       25         Scotland       1         Italy       1	
Massachusetts       17         Other States       12         Ireland       18         Canada       20         England       25         Scotland       1	
Massachusetts       17         Other States       12         Ireland       18         Canada       20         England       25         Scotland       1         Italy       1         Azores       12	
Massachusetts       17         Other States       12         Ireland       18         Canada       20         England       25         Scotland       1         Italy       1         Azores       12         Poland       0	
Massachusetts       17         Other States       12         Ireland       18         Canada       20         England       25         Scotland       1         Italy       1         Azores       12         Poland       0         Austria       1	
Massachusetts       17         Other States       12         Ireland       18         Canada       20         England       25         Scotland       1         Italy       1         Azores       12         Poland       0         Austria       1         Russia       6	
Massachusetts       17         Other States       12         Ireland       18         Canada       20         England       25         Scotland       1         Italy       1         Azores       12         Poland       0         Austria       1         Russia       6         Syria       1	
Massachusetts       17         Other States       12         Ireland       18         Canada       20         England       25         Scotland       1         Italy       1         Azores       12         Poland       0         Austria       1         Russia       6         Syria       1         Portugal       1	
Massachusetts       17         Other States       12         Ireland       18         Canada       20         England       25         Scotland       1         Italy       1         Azores       12         Poland       0         Austria       1         Russia       6         Syria       1         Portugal       1         Roumania       1	

HOSPITALS

CEMETERIES	
Oak Grove	34
North Burial Ground	15
St. John's	12
St. Mary's	3
St. Patrick's	56
Notre Dame	88
St. Mary's (Polish)	2
Jesus Marie Convent Tomb	1
Nwoo Hill	4
Our Lady of Light	6
Agedas Aham	2
Sent away for interment	12
Brought here for interment	
SEX	
Male	132
Female	103
COLOR	1 168
White	234
Colored	1
Married	38
There were 528 cases of contagious reported for February viz:	diseases
Diphtheria	16
DiphtheriaScarlet Feyer	6
DiphtheriaScarlet Feyer	6
Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs	6 3
Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, Other Forms	6 3 53
Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, Other Forms Whooping Cough	6 53 6 28
Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, Other Forms Whooping Cough Measles	
Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, Other Forms Whooping Cough Measles Ophthalmia Neonatorum	6 53 6 28 389
Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, Other Forms Whooping Cough Measles Ophthalmia Neonatorum Suppurative Conjunctivitis	
Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, Other Forms Whooping Cough Measles Ophthalmia Neonatorum Suppurative Conjunctivitis Chicken Pox	
Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, Other Forms Whooping Cough Measles Ophthalmia Neonatorum Suppurative Conjunctivitis Chicken Pox Dysentery, Bacillary	
Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, Other Forms Whooping Cough Measles Ophthalmia Neonatorum Suppurative Conjunctivitis Chicken Pox Dysentery, Bacillary Cerebro-Spinal Meningitis	
Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, Other Forms Whooping Cough Measles Ophthalmia Neonatorum Suppurative Conjunctivitis Chicken Pox Dysentery, Bacillary Cerebro-Spinal Meningitis Malaria	6 3 53 6 28 389 4 2 2 18
Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, Other Forms Whooping Cough Measles Ophthalmia Neonatorum Suppurative Conjunctivitis Chicken Pox Dysentery, Bacillary Cerebro-Spinal Meningitis Malaria Tetanus	6 3 3 53 6 28 389 4 2 2 18 5 1
Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, Other Forms Whooping Cough Measles Ophthalmia Neonatorum Suppurative Conjunctivitis Chicken Pox Dysentery, Bacillary Cerebro-Spinal Meningitis Malaria	6 3 3 53 6 28 389 4 2 2 18 5 5 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5

The following is the number of contagious diseases reported in each ward: 1-49; 2-51; 3-112; 4-19; 5-82; 6-30; 7-36; 8-119; 9-30.

Estimating the population at 131,358, 235 deaths would give an annual death rate of 21.47 in 1,000.

This is 9 more than last month and 7 more than the same month in 1916.

FRANK L. LARKIN, Secretary

#### QUARANTINE.

Probably one of the greatest opportunities the public at large has of showing a spirit of co-operation with the health department is by strictly observing the regulations and rules of quarantine of the Board of Health. It would be a very expensive proposition to place guards at every house which is placarded for a contagious disease and so the department relies upon the householders to assist in controlling the communicable diseases by faithfully following out the rules by the observance of which the chance of infection is reduced as much as possible.

All persons, for their own protection, as well as for the protection of the general public should keep away from houses which are placarded for contagious diseases and persons residing in a house which is placarded for Anterior Poliomyelitis, Cerebro-Spinal Meningitis, Diphtheria or Scarlet Fever and members of families in which there are cases of Measles should keep away from schools, churches, theatres and public gatherings of all kinds while the premises in which they are living are in quarantine.

In order that there shall be no undue hardship, adult members of families which are quarantined are not prevented from following out their usual employment, except persons employed as school teachers, school janitors or other persons whose employment brings them in contact with children, but even those persons should be very careful and not mingle with others any more than possible.

The Public Statutes of the Commonwealth provide that any physician or householder is bound by law to report to the Board of Health any case of Contagious Disease that they know of and it is just as important to report so-called "mild cases" as it is to report any case. It sometimes happens, but fortunately we believe not often in this city, that householders who have children ill persuade themselves that their children are only suffering from a mild attack of Measles, or that it is only a "stomach rash" and not Scarlet Fever, or that it is a simple case of tonsilitis and not diphtheria that their children are ill with and their children after a few days are allowed to attend school and mingle with other children, as the Board of Health has no knowledge of the case, and in this way the disease is spread to other children. The inconvenience that quarantine may cause should be given but scant consideration when the danger to others through selfishness in such a matter as this is taken into account and the golden rule of "doing unto others as you would they should do unto you' should be faithfully practised in all matters concerning health.

A communication was received recently by the Board of Health from H.J. Skeffington, Commissioner of Immigration at Boston informing us that forty-four immigrants under seventeen years of age who were coming to this city had been exposed to Diphtheria while on board the

S. S. Cretic en route for this country and giving the names of the children and the addresses to which they were coming. On receipt of the letter, physicians were notified of the same through the local press and were requested to be very cautious about making a diagnosis in any case where they were called to attend children who might have come in contact with these young immigrants.

These families have been under observation and nothing has developed and the period of incubation is passed.

#### WOULD YOU BELIEVE IT?

Of the 350 cases of smallpox in Connecticut during the last few months, but eight were ever vaccinated? (None of the eight had been vaccinated within fifteen years.)

Of the 238 cases in Waterbury not one was foreign born? (All foreigners are vaccinated before entering this country.)

Of 20,000 school children not one has contracted smallpox since general vaccination was ordered during the holidays, although more than fifty had the disease before January first?

Of the 100,000 people in Waterbury, 30,000 still neglect to be vaccinated in face of this evidence?—Monthly Bulletin, Connecticut State Board of Health.

We regret that the above figures were not available for use in connection with our article in the February Bulletin in reference to the request for the repeal of the 'compulsory vaccination' bill.

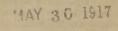
#### CLEAN HANDS.

Disease germs lead a hand-to-mouth existence. If the human race would learn to keep the unwashed hand away from the mouth many human diseases would be greatly diminished. We handle infectious matter more or less constantly and we continually carry the hands to the mouth. If the hand has recently been in contact with infectious matter the germs of disease may in this way be introduced into the body. Many persons wet their fingers with saliva before counting money, turning the pages of a book, or performing similar acts. In this case the process is reversed, the infection being carried to the object handled, there to await carriage to the mouth of some other careless person.

Wash the hands immediately:
Before eating,
Before handling, preparing or serving food,
After attending the sick,
After handling anything dirty.

---Health News, U. S. P. H. S.

UNIVERSITY OF ILLINOIS LIPPARY





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-	Y CONTRACT DISCASES				VIII THE DIEDDED AT COLUMN
	IGENERAL DISEASES.	72		134	VII—THE PUERPERAL STATE.
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2	Typhus Fever	75	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor
3	Relapsing Fever	76	Diseases of the Ears	137	Puerperal Septicæmia 3
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15	Plague	83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle
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71	Convulsions of Infants 2		(Cancer Excepted)	7	OTAL DEATHS 212

#### DEATHS BY AGES

To tal	Males	Female
Under 1 day 3	2	1
1-2 days 0	0	0
2-3 days 1	0	1
3 days-1 week 1	1	0
1-2 weeks 5		3
2-3 weeks 2	2	0
3 wks-1 month 2	1	1
1-2 months	2	0
2-3 months 2	1	1
3-6 months 7	1	6
6-9 months 8	3	5
9-12 months12	5	7
1 year21	8	13
2 years 7	6	1
3 years 2	1	1
4 years 1	0	1
5-9 years 3	0	3
10-14 years 4	3	1
15-19 years 4	2	2
20-24 years 6	2	4
25-29 years 6	1	5
30-34 years 9	5	4
35-39 years13	3	10
40-44 years11	7	4
45-49 years 6	4	2
50-54 years13	7	6
55-59 years13	9	4
60-64 years16	10	6
65-69 years12	5	7
70-74 years 7	3	4
75-79 years 7	4	3
80-84 years 3	0	3
85-89 years 1	1	0
90-94 years 2	1	1
95-99 years 0	0	0
100+ 0	0	0
Unknown 0	0	0
Total 212	102	110

#### DEATHS BY WARDS

1	32
2	28
3	36
4	12
5	15
6	22
7	9
8	35
9	23

#### HOSPITALS

City Hospital	12
Union Hospital	8
St. Anne's Hospital	3
Bay View Hospital	7
Highland Rd. Hospital	
Highland Hospital	2

#### STILL BIRTHS

Males	9
Females	5
Unknown	
Total	4

#### NATIVITY

Fall River	
Massachusetts	18
Other States	6
Ireland	21
Canada	28
England	
Scotland	3
Italy	******
Azores	17
Poland	1
Austria	3
Russia	4
Syria	
France	1
Germany	1
Unknown	

#### CEMETERIES

Oak Grove	23
North Burial Ground	17
St. John's	9
St. Mary's	2
St. Patrick's	55
Notre Dame	83
St. Mary's (Polish)	2
Jesus Marie Convent Tomb	
Nwoo Hill	4
Our Lady of Light	12
Agedas Aham	
Sent away for interment	5
Brought here for interment	27

### SEX

Lal	e		 	 	 	 	*****		 	1	0	2
'en	a	le	 	 	 	 		*****	 	1	1	0

#### COLOR

White2	1	2
Colored		0

#### CONDITION

Married	70
Single1	13
Widowed	
Divorced	1
Unknown	

There were 396 cases of contagious diseases reported for March viz:

reported for March viz:	
Diphtheria	23
Scarlet Fever	
Typhoid Fever	6
Tuberculosis of Lungs	43
Tuberculosis, Other Forms	5
Whooping Cough	25
Measles	254
Ophthalmia Neonatorum	3
Suppurative Conjunctivitis	
Chicken Pox	13
Dysentery, Bacillary	*****
Cerebro-Spinal Meningitis	1
Malaria	
Tetanus	******
German Measles	11
Mumps	4

The following is the number of contagious diseases reported in each ward: 1—34; 2—19; 3—57; 4—34; 5—63; 6—20; 7—22; 8—111; 9—36.

Estimating the population at 131,358, 212 deaths would give an annual death rate of 19.38 in 1,000.

This is 23 less than last month and 5 more than the same month in 1916.

FRANK L. LARKIN, Secretary

#### VITAL STATISTICS.

Vital Statistics has been defined as the Bookkeeping of Health and as it is necessary in all successful business enterprises to have proper books kept to determine the success of the business, so it is necessary to have accurate records of contagious diseases, births and deaths to assist Departments of Health in carrying on the work of conserving health. In order to devise and test methods of disease prevention, it is necessary to have records of births and deaths, and also a record of the diseases which caused the deaths and these same records are necessary to determine whether or not the means taken to prevent the occurrence of disease are effective.

In Fall River, it is necessary to secure a permit from this office before a body can be buried and every death is recorded and a certificate giving the cause of death and other facts of statistical importance is filed with the Health Department. The only fault to be found with the records of deaths are that many physicians have neglected to be as careful as they might be in giving the cause of death and this office cooperating with the Federal authorities finds it necessary to call up physicians and inquire for more complete particulars in many cases. At the present time, due to a great deal of work by the Department, amongst physicians and midwives and a close follow-up of all births by the nurses of this department and the District Nursing Association, births are reported exceptionally well. Practically all the diseases which are classified by the State Department of Health in accordance with the Statutes of the Commonwealth, as dangerous to the Public Health are reported promptly, about the only exceptions are those diseases of childhood such as Whooping Cough, Measles and Chicken Pox, which are looked upon by many parents as only mild diseases which do not require the attendance of physicians and to which are given home remedies, or no treatment at all. The law requiring the reporting of these diseases states that all persons, whether physicians or householders, must promptly report all such diseases to the Board of Health: but the average person does not know of this requirement and cases that are not seen by a physician are seldom reported.

Every individual and every community has the right to be protected and individuals owe it to others and the community that when there is a case of contagious disease in their families that the case should be reported so that others may be protected and the records be used to help solve the problems of disease prevention.

The fly is crafty and alert,

He carries germs and also dirt.

KILL HIM.

Flies are born in filth, live in filth, and act as carriers of many diseases. Flies cannot breed or exist where there is no filth. So keep premises clean and be sure to have all garbage receptacles covered.

The early fly's the one to swat,

It comes before the weather's hot
And sits around and wipes its legs,
And lays about ten million eggs,
And every egg will bring a fly,
To drive us crazy bye-and-bye.

Every person should constitute himself a reception committee of one to welcome the first fly of the season ——with a swatter.

But don't be content with just swatting the first fly
——Show no favoritism, but swat them all.



Fall River, Mass.

## MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

Copies of the Bulletin will be mailed upon request

VOL. I.

MAY, 1917

NO. 7

## Mortality for the Month of April, 1917.

After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.

	I-GENERAL DISEASES.	72	Chorea	VII-THE PUERPERAL STATE.
		73	Neuralgia and Neuritis	134 Accidents of Pregnancy
1	Typhoid Fever 1	74	Other Diseases of Nervous System 1	135 Puerperal Haemorrhage
2	Typhus Fever	75	Diseases of the Eyes and their Annexa	136 Other Accidents of Labor
3	Relapsing Fever	76	Diseases of the Ears	137 Puerperal Septicæmia
4	Malaria	1		138 Puerperal Albuminuria and Convulsion
5	Smallpox	III-	-DISEASES OF THE CIRCULATORY	139 Puerperal Phlegmasia Alba Dolens, em
6	Measles 8	100	SYSTEM.	bolus, Sudden Death
7	Scarlet Fever	77	Pericarditis	140 Following Childbirth (not otherwise de
8	Whooping Cough	77	Acute Endocarditis	fined]
9	Diphtheria and Croup 3	79	Organic Diseases of Heart	141 Puerperal Diseases of the Breast
10	Influenza 1	80	Angina Pectoris 1	141 I desperal Discuses of the Diedet
11	Military Fever		Diseases of the Arteries, Atheroma,	VIII-DISEASES OF THE SKIN AND
12	Asiatic Cholera	81		THE CELLULAR TISSUE.
13	Cholera Nostras	00	Aneurysm, etc Embolism and Thrombosis	142 Gangrene
14	Dysentery	82		
15	Plague	83	Diseases of Veins (varices, haemorrhoids,	
16	Yellow Fever	0.4	phlebitis, etc.	144 Acute Abscess Other Diseases of the Skin and Annexa
17	Leprosy	84	Diseases of Lymphatic System (Lymphan-	140 Other Diseases of the 5km and Annexa
18	Erysipelas 2	0.5	gitis, etc.	IX-DISEASES OF THE BONES AND
19	Other Epidemic Diseases	85	Haemorrhage; Other Diseases of the	THE ORGANS OF LOCOMOTION
20	Purulent Infection and Septicæmia		Circulatory System	
21	Glanders	137	DISPASES OF THE PESDIPATORY	146 Diseases of the Bones (Tuberculosis
22	Anthrax	IV-	-DISEASES OF THE RESPIRATORY	Excepted)
23	Rabies		SYSTEM.	147 Diseases of the Joints (Tuberculosis and
24	Tetanus	86	Diseases of Nasal Fossae	Rheumatism Excepted)
25	Mycoses	87	Diseases of Larynx 1	148 Amputations
26	Pellagra	88	Diseases of Thyreoid Body	149 Other Diseases of the Organs of Loco-
27	Beriberi	89	Acute Bronchitis 2	motion
28	Tuberculosis of the Lungs20	90	Chronic Bronchitis 2	Y. MAI EODMATIONS
29	Acute Miliary Tuberculosis	91	Bronchopneumonia18	X-MALFORMATIONS.
30	Tuberculous Meningitis	92	Pneumonia 14	150 Congenital Malformation (Still births
31	Abdominal Tuberculosis	93	Pleurisy 1	not Included)
32	Pott's Disease	94	Pulmonary Congestion, Pulmonary	VI_DISEASES OF BARLY IND.
33	White Swellings		Apoplexy 1	XI-DISEASES OF EARLY INFANCY
34	Tuberculosis of other Organs	95	Gangrene of the Lung	151 Congenital Debility Icterus and Scleres
35	Disseminated Tuberculosis	96	Asthma	a Premature Birth
36	Rickets 1	97	Pulmonary Emphysema	b Congenital Debility
37	Syphilis	98	Other Diseases of Respiratory System	152 Other Diseases Peculiar to Early Infan
38	Gonococcus Infection	-	(Tuberculosis Excepted)	153 Lack of Care
39	Cancer and other Malignant Tumors of			
99	the Buccal Cavity	V-	-DISEASES OF THE DIGESTIVE SYS-	XII-OLD AGE.
40	Cancer and other Malignant Tumors of		TEM.	154 Senility
40	the Stomach, Liver	99	Diseases of the Mouth and Annexa	
41	Cancer and other Malignant Tumors of	100	Diseases of the Pharynx	XIII—EXTERNAL CAUSES.
41	the Peritoneum, Intestines, Rectum 1	101	Diseases of the Oesophagus	155 Suicide by Poison
40	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	156 Suicide by Asphyxia.
42	the Female Genital Organs 1	103	Other Diseases of the Stomach (Cancer	157 Suicide by Hanging or Strangulation
43	Cancer and other Malignant Tumors of	100	Excepted)	158 Suicide by Drowning
10	the breast	104	Diarrhoea and Enteritis (under 2 years] 9	159 Suicide by Firearms
44	Cancer and other Malignant Tumors of	105	Diarrhoea and Enteritis (2 years and over)	160 Suicide by Cutting or Piercing Instru-
11	the skin	106	Ankylostomiasis	ments.
45	Cancer and other Malignant Tumors of	107	Intestinal Parasites	161 Sucide by Jumping from a High Place
10	other organs and of organs not	108	Appendicitis and Typhlitis	162 Su cide by Crushing.
	specified	109	Hernia, Intestinal Obstructions 1	163 Other Suicides
46	Other Tumors (Tumors of the female	110	Other Diseases of the Intestines	164 Poisoning by Food
20	genital organs excepted)	111	Acute Vellow Atrophy of the Liver	165 Other Acute Poisonings
47	Acute Articular Rheumatism	112	Hydatid Tumor of the Liver	166 Conflagration
48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	167 Burns [Conflagration Excepted]
49	Scurvy	114	Biliary Calculi	168 Absorption of Deleterious Gases [Con-
50	Diabetes 2	115	Other Diseases of the Liver	flagration Excepted]
51	Exophthalmic Goitre	116	Diseases of the Spleen	169 Accidental Drowning
52	Addison's Disease	117	Simple Peritonitis (nonpuerperal)	170 Traumatism by Firearms
53	Leuchæmia	118	Other Diseases of the Digestive System	171 Traumatism by Cutting or Piercing In-
54	Anæmia, Chlorosis	1.3	Cancer and Tuberculosis Excepted 1	struments
55	Other General Diseases		The state of the s	172 Traumatism by Fall
56	Alcoholism (Acute or Chronic)	VI-	-NONVENEREAL DISEASES OF THE	173 Traumatism in Mines and Quarries
57	Chronic Lead Poisoning		GENITO-URINARY SYSTEM AND	174 Traumatism by Machines
58	Other Chronic Occupation Poisonings	1		175 Traumatism by other Crushing [Vehi
59	Other Chronic Poisonings		ANNEXA.	cles, Railroad, Landslides, etc.
		119	Acute Nephritis 2	176 Injuries by Animals
II-I	ISEASES OF THE NERVOUS SYSTEM	120	Bright's Disease14	177 Starvation
		121	Chyluria	178 Excessive Cold
Pil	ID OF THE ORGANS OF SPECIAL	122	Other Diseases of the Kidneys and	179 Effects of Heat
	SENSE.	107	Annexa 1	180 Lightning
	Franhalitia	123	Calculi of the Urinary Passages	181 Electricity [Lightning Excepted]
	Encephalitis	124	Diseases of the Bladder	182 Homicide by Firearms
60		125	Diseases of the Urethra, Urinary	183 Homicide by Cutting or Piercing In-
61	Simple Meningitis		Abscess, etc.	struments
61 61a	Cerebrospinal Fever 1	196	Diseases of the Prostate	
61 61a 62	Cerebrospinal Fever	126	Diseases of the Prostate	184 Homicide by other Means
61 61a 62 63a	Cerebrospinal Fever	126 127	Nonvenereal Diseases of the Male Geni-	185 Fractures [Cause not Specified]
61 61a 62 63a	Cerebrospinal Fever	127	Nonvenereal Diseases of the Male Geni- tal Organs	185 Fractures [Cause not Specified]
61 61a 62 63a b	Cerebrospinal Fever	127 128	Nonvenereal Diseases of the Male Geni- tal Organs	185 Fractures [Cause not Specified]
61 61a 62 63a b 64 65	Cerebrospinal Fever	127 128 129	Nonvenereal Diseases of the Male Geni- tal Organs	185 Fractures [Cause not Specified] Other External Violence
61 61a 62 63a 64 65 66	Cerebrospinal Fever	127 128 129 130	Nonvenereal Diseases of the Male Genital Organs Uterine Haemorrhage (nonpuerperal) Uterine Tumor (noncancerous) Other Diseases of the Uterus	185 Fractures [Cause not Specified]
61 61a 62 63a 64 65 66 67	Cerebrospinal Fever	127 128 129 130 131	Nonvenereal Diseases of the Male Genital Organs Uterine Haemorrhage (nonpuerperal) Uterine Tumor (noncancerous) Other Diseases of the Uterus Cysts and other Tumors of the Oyary.	185 Fractures [Cause not Specified]
61 62 63a 64 65 66 67 68	Cerebrospinal Fever	127 128 129 130	Nonvenereal Diseases of the Male Genital Organs  Uterine Haemorrhage (nonpuerperal) Uterine Tumor (noncancerous) Other Diseases of the Uterus Cysts and other Tumors of the Ovary Salpingitis and other Diseases of the	185 Fractures [Cause not Specified]
61 61a 62 63a 64 65 66 67	Cerebrospinal Fever	127 128 129 130 131	Nonvenereal Diseases of the Male Genital Organs Uterine Haemorrhage (nonpuerperal) Uterine Tumor (noncancerous) Other Diseases of the Uterus Cysts and other Tumors of the Oyary.	185 Fractures [Cause not Specified]

#### DEATHS BY AGES

Total	Males	Femal
Under 1 day10	6	4
1-2 days 1	0	1
2-3 days 3	2	1
3 days-1 week 0	0	0
1-2 weeks 0	0	0
2-3 weeks 3	3	0
3 wks-1 month	2	0
1-2 months	1	0
2-3 months 5	4	1
3-6 months 9	5	4
6.9 months	2	1
9-12 months14	7	7
1 year13	5	8
2 years 4	0	4
3 years 3	1	2
4 years 0	0	0
5-9 years 4	2	2
10-14 years	1	2
15-19 years 2	1	1
20-24 years10	3	7
25-29 years 5	2	3
30-34 years 4	2	2
35-39 years 6	5	1
40-44 years 6	5	1
45-49 years10	5	õ
50-54 years 7	3	4
55-59 years 9	4	5
60-64 years11	9	2
65-69 years16	9	7
70-74 years 9	5	4
75-79 years12	2	10
80-84 years 8	5	3
85-89 years	1	1
90-94 years 0	0	0
95-99 years 0	0	0
100+ 0	0	0
Unknown 0	0	(
Total195	102	98

#### DEATHS BY WARDS

1	23
2	20
3	25
4	9
5	18
6	30
7	4
8	46
9	20

#### HOSPITALS

City Hospital24	ł
Union Hospital1	0
St. Anne's Hospital	2
Bay View Hospital	4
Highland Rd. Hospital	
Highland Hospital	2

#### STILL BIRTHS

Males10
Females 4
Unknown.
Total 14

#### NATIVITY

Fall River	38
Massachusetts 1	13
Other States1	4
Ireland1	17
Canada2	21
England	24
Scotland	1
Italy.	1
Azores	6
Poland	3
Austria	
Russia	3
Sweden	1
Brazil	1
Germany	2
Unknown	

#### CEMETERIES

#### SEX

Male	1	02
Female		93

#### COLOR

White19	14
Colored	1

#### CONDITION

Married	58
Single	96
Widowed	39
Divorced	1
Unknown	

There were 364 cases of contagious diseases reported for April viz:

Diphtheria \_\_\_\_\_\_16
Scarlet Fever\_\_\_\_\_16

Typhoid Fever
Tuberculosis of Lungs53
Tuberculosis, Other Forms
Whooping Cough34
Measles190
German Measles2;
Ophthalmia Neonatorum 1
Suppurative Conjunctivitis
Chicken Pox
Dysentery, Bacillary
Cerebro-Spinal Meningitis 1
Malaria

The following is the number of contagious diseases reported in each ward: 1—32; 2—15; 3—25; 4—30; 5—78; 6—70; 7—14; 8—74; 9—26.

\_\_\_\_\_

Estimating the population at 131,358, 195 deaths would give an annual death rate of 17.89 in 1,000.

This is 17 less than last month and 42 more than the same month in 1916.

FRANK L. LARKIN, Secretary

#### OPHTHALMIA NEONATORUM

Ophthalmia Neonatorum is an infection of the eyes of the new born and if not treated promptly and properly may result in either impairment or total loss of vision.

The law requires that all births shall be reported to the City Clerk within forty-eight hours of the birth and that the City Clerk shall notify the Board of Health within twenty-four hours of all births reported. In this way, by the time a child is three days old, either the Board of Health nurses or nurses of the District Nursing Association are calling to advise the mother how to take proper care of her infant. Should any of the nurses notice that a child, under fifteen days old, has any pus discharge, inflammation or redness of the eyes, the case is referred to the Board of Health office and the physician, if there is one in attendance, is notified of the condition of the child's eyes and asked what he intends to do. If he replies that he intends to treat the case himself, he is informed that the Health Department will hold him responsible for the proper treatment of the case and for the results which follow. If the family physician does not care to follow up the case, or if the mother was attended by a midwife, the Board of Health's Ophthalmologist is sent to take charge of the case. One of the Department Nurses is assigned to supervise the treatment of all cases of Ophthalmia Neonatorum treated outside of hospitals, under the direction of either the family physician or the Board's Ophthalmologist, as the case may be, and must see that the treatment is being faithfully followed out by the family and she must keep in touch with the physician in charge of the case.

In all cases treated by the Board of Health's specialist, the circumstances of the family are investigated and if they are in position to pay for the treatment, they are expected to do so.

It is very pleasing to be able to record that out of 437 cases treated in this manner by the physician and nurse of the Health Department in the past four years, there has not been a single case in which there was any loss of or impairment of vision, although during the same time private physicians who cared for their own cases were not so successful in the treatment of their patients. When it is known that it is estimated that five per cent of all cases of Ophthalmia Neonatorum result in either partial impairment of vision or total blindness and that thirty-five per cent of all blindness is due to this disease, the worth of this work can be appreciated from a humane standpoint. And when it is taken into consideration that the estimated cost of educating a blind person is three thousand dollars, a little figuring will show that there is a considerable saving of money by taking this "ounce of prevention."

#### LOBAR PNEUMONIA REPORTABLE

Acting under authority of Chapter 183 of the Acts of 1907, which directs the State Department of Health to define what diseases shall be deemed to be dangerous to the public health, as the term is used in Chapter 213 of the Acts of 1902, the State Department added Lobar Pneumonia beginning the first of May and Householders and Physicians must now give immediate notice to the Board of Health, in writing, of all cases of Lobar Pneumonia. Circular letters to all physicians practising in Fal! River were mailed by the Board calling their attention to this action of the State Department.



Hall River, Mass.

### MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

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VOL. I.

JUNE, 1917

NO. 8

## Mortality for the Month of May, 1917.

After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.

	ATION CIRCLETON CHARLES		Causes of Beatis, Second International Beet	1	
	IGENERAL DISEASES.	79	Chores		VII—THE PUERPERAL STATE.
		72 73	Neuralgia and Neuritis 1	134	Accidents of Pregnancy
1	Typhoid Fever 1	74	Other Diseases of Nervous System	135	Puerperal Haemorrhage
2	Typhus Fever	75	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor
, 3	Relapsing Fever	76	Diseases of the Ears	137	Puerperal Septicamia 1
4	Madaria			138	Puerperal Albuminuria and Convulsions
5	Smallpox	III-	-DISEASES OF THE CIRCULATORY	139	Puerperal Phlegmasia Alba Dolens, em-
6	Measles 9		SYSTEM.		bolus, Sudden Death 2
	Scarlet Fever	77	Pericarditis	140	Following Childbirth (not otherwise de-
8	Whooping Cough	78	Acute Endocarditis 2		fined)
10	Diphtheria and Croup	79	Organic Diseases of Heart	141	Puerperal Diseases of the Breast
11	Military Fever	80	Angina Pectoris	37111	DISEASES OF THE SVIN AND OF
12	Asiatic Cholera	81	Diseases of the Arteries, Atheroma,	AIII	-DISEASES OF THE SKIN AND OF
13	Cholera Nostras		Aneurysm, etc 1		THE CELLULAR TISSUE.
14	Dysentery	82	Embolism and Thrombosis 1	142	Gangrene 2
15	Plague	83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle.
16	Yellow Fever		phlebitis, etc)	144	Acute Abscess
17	Leprosy	84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa.
18	Erysipelas		gitis, etc.)	IX-	DISEASES OF THE BONES AND OF
19	Other Epidemic Diseases	85	Haemorrhage; Other Diseases of the		
20	Purulent Infection and Septicæmia		Circulatory System	4	THE ORGANS OF LOCOMOTION.
21	Glanders	137	DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis
22	Anthrax	1 V			Excepted)
23	Rabies		SYSTEM.	147	Diseases of the Joints (Tuberculosis and
24	Tetanus	86	Diseases of Nasal Fossae		Rheumatism Excepted)
25	Mycoses	87	Diseases of Larynx	148	Amputations
26	Pellagra	88	Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-
27	Reriberi	89	Acute Bronchitis 1		motion
28	Tuberculosis of the Lungs	90	Chronic Bronchitis		X-MALFORMATIONS.
29	Acute Miliary Tuberculosis	91	Bronchopneumonia14	150	Congenital Malformation (Still births
30	Tuberculous Meningitis	92	Pneumonia 6	100	not Included)
31	Abdominal Tuberculosis	93	Pulmonary Congestion, Pulmonary		
32	Pott's Disease	94	Pulmonary Congestion, Pulmonary	XI	-DISEASES OF EARLY INFANCY.
33	White Swellings	0.5	Apoplexy	151	Congenital Debility Icterus and Sclerema
34	Tuberculosis of other Organs	95 96	Gangrene of the Lung	a	Premature Birth
35	Disseminated Tuberculosis	97	Pulmonary Emphysema	b	Congenital Debility
36	Rickets	98	Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy 3
37	Syphilis 1 Gonococcus Infection	90	(Tuberculosis Excepted)	153	Lack of Care
38	Cancer and other Malignant Tumors of		(Taborearosis Diecoprotty	100	
39	the Buccal Cavity	V-	-DISEASES OF THE DIGESTIVE SYS-		XII-OLD AGE.
40	Cancer and other Malignant Tumors of		TEM.	154	Senility
40	the Stomach, Liver	99	Diseases of the Mouth and Annexa		
41	Cancer and other Malignant Tumors of	100	Diseases of the Pharynx		XIII—EXTERNAL CAUSES.
71	the Peritoneum, Intestines, Rectum 3	101	Diseases of the Oesophagus	155	Suicide by Poison
42	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	156	Suicide by Asphyxia
2 01	the Female Gen tal Organs 4	103	Other Diseases of the Stomach (Cancer	157	Suicide by Hanging or Strangulation
43	Cancer and other Malignant Tumors of		Excepted) 1	158	Suicide by Drowning
10	the breast 3	104	Diarrhoea and Enteritis (under 2 years) 9	159	Suicide by Firearms
44	Cancer and other Malignant Tumors of	105	Diarrhoea and Enteritis (2 years and over) 1	160	Suicide by Cutting or Piercing Instru-
	the skin	106	Ankylostomiasis		ments.
45	Cancer and other Malignant Tumors of	107	Intestinal Parasites	161	Sucide by Jumping from a High Place .
	other organs and of organs not	108	Appendicitis and Typhlitis	162	Su cide by Crushing.
	specified	109	Hernia, Intestinal Obstructions 1	163	Other Suicides
46	Other Tumors (Tumors of the female	110	Other Diseases of the Intestines	164	l'oisoning by Food
	genital organs excepted)	111	Acute Vellow Atrophy of the Liver	165	Other Acute Poisonings
47	Acute Articular Rheumatism 1	112	Hydatid Tumor of the Liver	166	Conflagration
48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	167	Burns (Conflagration Excepted)
49	Scurvy	114	Biliary Calculi 1	168	Absorption of Deleterious Gases (Con-
50	Diabetes 1	115 116	Other Diseases of the Liver	169	flagration Excepted)
51	Exophthalmic Goitre	117	Diseases of the Spleen	170	Accidental Drowning
52 53	Leuchæmia	118	Other Diseases of the Digestive System	171	Traumatism by Cutting or Piercing In-
54	Anæmia, Chlorosis	110	Cancer and Tuberculosis Excepted	222	struments
55	Other General Diseases		a word with the proof	172	Traumatism by Fall
56	Alcoholism (Acute or Chronic)	VI-	-NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
57	Chronic Lead Poisoning		GENITO-URINARY SYSTEM AND	174	Traumatism by Machines
58	Other Chronic Occupation Poisonings		ANNEXA.	175	Traumatism by other Crushing (Vehi-
59	Other Chronic Poisonings				cles, Railroad, Landslides, etc.)
		119	Acute Nephritis 2	176	Injuries by Animals
II-I	ISEASES OF THE NERVOUS SYSTEM	120	Bright's Disease	177	Starvation
A.70	ND OF THE ORGANS OF SPECIAL	121	Chyluria	178	Excessive Cold
Al		122	Other Diseases of the Kidneys and	179	Effects of Heat
	SENSE.	123	Annexa	180	Lightning
60	Encephalitie	123	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis	125	Diseases of the Bladder	182	Homicide by Firearms
61 61a	Simple Meningitis	120	Diseases of the Urethra, Urinary Abscess, etc.	183	Homicide by Cutting or Piercing In-
62	Locomotor Ataxia	126	Diseases of the Prostate	104	Struments
63a	Anterior Poliomyelitis	127	Nonvenereal Diseases of the Male Geni-	184 185	Homicide by other Means
b	Other Diseases of the Spinal Cord		tal Organs	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy 6	128	Uterine Haemorrhage (nonpuerperal)	100	Other External Violence
65	Softening of Brain	129	Uterine Tumor (noncancerous)		XIV-ILL DEFINED DISEASES.
66	Paralysis Without Specified Cause	130	Other Diseases of the Uterus	107	
67	General Paralysis of the Insane	131	Cysts and other Tumors of the Ovary	187	Ill Defined Organic Disease
68	Other Forms of Mental Alignation	132	Salpingitis and other Diseases of the	188	Sudden Death
69	Epilepsy	4.00.00	Female Genital Organs	103	cause of Freath not openined of In-defined 4
70	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast		
71	Convulsions of Infants		(Cancer Excepted)	Т	OTAL DEATHS 171
					***

#### DEATHS BY AGES

	Total	Males	Female
Under 1 day	2	2	θ
1-2 days	2	2	0
2-3 days	1	1	0
3 days-1week	1	1	0
1-2 weeks	1	1	0
2-3 weeks	1	0	1
3 wks-1 month	3	1	2
1-2 months	2	2	0
2-3 months	4	3	1
3-6 months	9	3	6
6-9 months	5	3	2
9-12 months.	4	2	2
1 year1	4	9	5
2 years	7	2	õ
3 years	3	1	2
4 years	1	1	0
5-9 years	4	2	2
10-14 years	0	0	0
15-19 years	8	2	()
20-24 years	2	1	1
25-29 years	5	3	2
30-34 years	4	2	2
35-39 years	2	1	1
40-44 years	9	6	3
45-49 years	8	3	õ
50-54 years	5	3	2
55-59 years1	.0	5	5
60-64 years1	.6	9	7
65-69 years1		7	ŧ
70-74 years1		4	6
75-79 years	8	65	2
80-84 years	:}	2	1
85-89 years		1	1
90-94 years		()	2
95-99 years		0	(
100+	0	0	(
Unknown	0	0	(
Total1	71	91	80

#### DEATHS BY WARDS

1	27
2	14
3	24
4	8
5	18
6	26
7	õ
8	34
9	15

#### HOSPITALS

Or trospical		
Union Hospital	6	
St. Anne's Hospital	3	
Bay View Hospital	3	
Highland Rd. Hospital		
Highland Hospital	4	

#### STILL BIRTHS

Males	9
Females	8
Unknown	
Total	17

#### NATIVITY

Fall River 83
Massachusetts12
Other States8
Ireland16
Canada19
England20
Scotland
Italy
Azores10
Poland
Austria
Russia
Sweden
Brazil
Germany
Unknown

#### CEMETERIES

Oak Grove
North Burial Ground13
St. John's2
St. Mary's
St. Patrick's49
Notre Dame66
St. Mary's (Polish)
Jesus Marie Convent Tomb
Nwoo Hill 1
Our Lady of Light5
Agedas Aham 0
Sent away for interment9
Brought here for interment30

#### SEX

Male	45 × 10 × 10 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 7 6 7	91
ema	11e	80

#### COLOR

White	1	71
Colored		()

#### CONDITION

Married	49
Single	88
Widowed	34
Divorced	(
Unknown	

There were 440 cases of contagious diseases reported for May viz:

Dinhtheria

Mumps.....

17171101101101100
Scarlet Fever
Typhoid Fever 4
Tuberculosis of Lungs 37
Tuberculosis, Other Forms 3
Whooping Cough19
Measles268
German Measles 37
Ophthalmia Neonatorum 8
Suppurative Conjunctivitis
Chicken Pox 10
Dysentery, Bacitlary
Cerebro-Spinal Meningitis
Malaria
Pneumonia, Lobar18

The following is the number of contagious diseases reported in each ward: 1—44; 2—30; 3—35; 4—39; 5—67; 6—120; 7—17; 8—46; 9—42.

Estimating the population at 131,358, 171 deaths would give an annual death rate of 15.62 in 1,000.

This is 24 less than last month and 4 less than the same month in 1916.

FRANK L. LARKIN, Secretary

#### MEASLES

Because many people regard measles as only a mild disease and allow their children to be exposed to it "in order to catch the disease while they are young," the policy of the Board in placarding for this disease has been questioned and the fact that the disease has spread so rapidly is pointed to as proof that placarding houses which contain measles is of no use. Although most of the damage is done before the appearance of the rash, there is danger of contagion for ten days after the eruption appears, and for this reason, if for no other, cases should be quarantined. But the Board feels that the greatest good accomplished by placarding is that it draws the attention of the people to the fact that the Health Department realizes the seriousness of the disease and wishes them to realize it also, the placarding of houses thus being an educational work and while there is still a great deal to be accomplished, the Board feels that some persons have profited by the teaching and the work has not been entirely in vain. The fact that physicians, nurses, school teachers and parents very generally report all cases of measles now is proof of this.

From the first of November 1916, when the present outbreak of Measles began up to the end of May, there has been eighteen hundred and sixty cases of Measles reported, of which seventy-two were German Measles, resulting in fifty-seven deaths, and it is very reasonable to assume that more children who were taken ill with this diesase died from the effects of the complications following it such as Broncho Pneumonia.

In a very interesting article read before the 1916 meeting of the American Association for Study and Prevention of Infant Mortality, J. G. Wilson, M. D., Assistant Surgeon of the United States Public Health Service stated that from the standpoint of prevention, notification and quarantine have not materially affected the incidence of measles epidemics and by means of charts shows that in fifteen representative American Cities, amongst which Fall River is included, that epidemics occur generally at regular intervals of three years. Dr. Wilson does not approve of the tendency on the part of some Health Officers to relax the laws regarding quaran-

tine on account of this. He believes that an effort should be made to secure early notification and advocates the isolation of all beginning cases and in support of this isolation tells of the good results at the Ellis Island Immigration Station following the practise of isolating all children whose temperature arose above 99 degrees.

The first year, 1915, that this system was adopted the proportion of cases of Measles dropped one half and the following year, 1916, the number of cases which developed there was approximately twenty-five per cent lower than 1914 in spite of the fact that the proportion of Measles cases to arriving immigrants, not only increased two-fold, but owing to difficulties of deportation incident to the war, the average period of detention of all immigrants was immeasurably increased, thus making the detention rooms a veritable hotbed for measles incubation.

He recommends that as soon as the first cases of Measles appear and an epidemic is threatened that the temperature of persons who are not immune should be taken and that the public must be educated to the view that any rise in temperature in children may be due to a Contagious Disease and that it should be the cause for isolating the child.

#### MEASLES OR SCARLET FEVER

Buffalo has recently had an unusual number of German Measles cases. Because the Health Department treats these the same as measles there has been much complaint. "Three Day Measles," as many call it, in which the patient is usually recovered after a few days, was considered absurd to be placarded and quarantined for two weeks, yet two victims of these alleged "German Measles" died! Both were young men, one 23 and the other 25 years old, but the diagnosis in each case was changed by the attending physicians to scarlet fever, shortly before death occurred.

This naturally brings up the question of differential diagnosis, one in which the greatest care must be exercised because you do not always get all the landmarks of each disease. On the other hand it is misleading to the laity, who consider German Measles of no importance and therefore cause so much spread, just as they consider "scarlatina" as a "mild form of scarlet fever."

-Buffalo Sanitary Bulletin.



Hall River, Mass.

## MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

Copies of the Bulletin will be mailed upon request

VOL. I. JULY, 1917

NO. 9

## Mortality for the Month of June, 1917.

After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.

	After the Bertillon Classing.	ation	Causes of Deaths, Second International Dec	chinal Revision, Latis, 1005.
	A COMPLAIN DISPASES	1	1	VII—THE PUERPERAL STATE.
	I-GENERAL DISEASES.			
1	Typhoid Fever 2			134 Accidents of Pregnancy
2	Typhus Fever	1 7		135 Puerperal Haemorrhage
3	Relapsing Fever	1 7		136 Other Accidents of Labor
4	Malaria	1 7	3 Diseases of the Ears	137 Puerperal Septicæmia
5	Smallpox	7.7	DIOPAGE OF THE CIPCUI ATORY	138 Puerperal Albuminuria and Convulsions. 1
	Measles 8	11	-DISEASES OF THE CIRCULATORY	139 Puerperal Phlegmasia Alba Dolens, em-
6	Scarlet Fever		SYSTEM.	bolus, Sudden Death 1
/	Scarlet rever	1 7	Pericarditis	140 Following Childbirth (not otherwise de-
8	Whooping Cough	) -		fined)
9	Diphtheria and Croup2	1 7		141 Puerperal Diseases of the Breast
10	Influenza	, 8		
11	Military Fever	. 8		VIII-DISEASES OF THE SKIN AND OF
12	Asiatic Cholera	1	Aneurysm, etc 1	THE CELLULAR TISSUE.
13	Cholera Nostras	. 8		142 Gangrene
14	Dysentery			143 Furuncle
15	Plague	8		144 Acute Abscess
16	Yellow Fever	1 0	phlebitis, etc)	145 Other Diseases of the Skin and Annexa
17	Leprosy	8		140 Other Diseases of the Skill and Hillexa
18	Erysipelas		gitis, etc.) Discours of the	IX-DISEASES OF THE BONES AND OF
19	Other Epidemic Diseases 1	8		THE ORGANS OF LOCOMOTION.
20	Purulent Infection and Septicæmia 2	1	Circulatory System	
21	Glanders	1.2	-DISEASES OF THE RESPIRATORY	146 Diseases of the Bones (Tuberculosis
22	Anthrax	11		Excepted)
23	Rabies	1	SYSTEM.	147 Diseases of the Joints (Tuberculosis and
24	Tetanus	8	Diseases of Nasal Fossae	Rheumatism Excepted)
25	Mycoses	8	No. 1	148 Amputations
26	Pellagra	8		149 Other Diseases of the Organs of Loco-
27	Beriberi			motion
28	Tuberculosis of the Lungs	9		V MALEODMATIONS
29	Acute Miliary Tuberculosis	9		X-MALFORMATIONS.
	Tuberculous Meningitis	9		150 Congenital Malformation (Still births
30	Abdominal Tuberculosis	9		not Included) 2
31	Pott's Disease	9		VI DIGITAGES OF THE
32	White Swellings		Apoplexy 1	XI-DISEASES OF EARLY INFANCY.
33	Tuberculosis of other Organs	9		151 Congenital Debility Icterus and Sclerema
34		9		a Premature Birth 8
35	Disseminated Tuberculosis			b Congenital Debility
36	Rickets	9	and the second of the second o	152 Other Diseases Peculiar to Early Infancy 3
37	Syphilis	9		153 Lack of Care
58	Gonococcus Infection		(Tuberculosis Excepted) 1	153 Lack of Care
39	Cancer and other Malignant Tumors of	1	-DISEASES OF THE DIGESTIVE SYS-	XII-OLD AGE.
	the Buccal Cavity		TEM.	154 Senility
40	Cancer and other Malignant Tumors of			101
	the Stomach, Liver	9		XIII-EXTERNAL CAUSES.
41	Cancer and other Malignant Tumors of	10		
	the Peritoneum, Intestines, Rectum	10		155 Suicide by Poison
42	Cancer and other Malignant Tumors of	10		156 Suicide by Asphyxia
	the Female Genital Organs 1	10		157 Suicide by Hanging or Strangulation
43	Cancer and other Malignant Tumors of		Excepted) 2	158 Suicide by Drowning.
	the breast	10		159 Suicide by Firearms
44	Cancer and other Malignant Tumors of	10	Diarrhoea and Enteritis (2 years and over) 1	160 Suicide by Cutting or Piercing Instru-
	the skin	10		ments.
45	Cancer and other Malignant Tumors of	10		161 Sucide by Jumping from a High Place
	other organs and of organs not	10		162 Su cide by Crushing.
	specified1	10	Hernia, Intestinal Obstructions	163 Other Suicides
46	Other Tumors (Tumors of the female	11	Other Diseases of the Intestines 1	164 Poisoning by Food
	genital organs excepted)	11	Acute Yellow Atrophy of the Liver	165 Other Acute Poisonings
47	Acute Articular Rheumatism	, 11	Hydatid Tumor of the Liver	166 Conflagration
48	Chronic Rheumatism and Gout	11		167 Burns (Conflagration Excepted)
49	Scurvy	11		168 Absorption of Deleterious Gases (Con-
50	Diabetes 1	11		flagration Excepted)
51	Exophthalmic Goitre	11	Diseases of the Spleen	169 Accidental Drowning
52	Addison's Disease	11	Simple Peritonitis (nonpuerperal)	170 Traumatism by Firearms
53	Leuchæmia 1	11		171 Traumatism by Cutting or Piercing In-
54	Anæmia, Chlorosis 2		Cancer and Tuberculosis Excepted	struments 1
55	Other General Diseases 1			172 Traumatism by Fall
56	Alcoholism (Acute or Chronic)	V	-NONVENEREAL DISEASES OF THE	173 Traumatism in Mines and Quarries
57	Chronic Lead Poisoning		GENITO-URINARY SYSTEM AND	174 Traumatism by Machines
58	Other Chronic Occupation Poisonings		ANNEXA.	175 Fraumatism by other Crushing (Vehi-
59	Other Chronic Poisonings			cles, Railroad, Landslides, etc.) 1
		11		176 Injuries by Animals
II-I	ISEASES OF THE NERVOUS SYSTEM	12		177 Starvation
A.7	D OF THE ORGANS OF SPECIAL	12		178 Excessive Cold
W		12		179 Effects of Heat
	SENSE.	12	Annexa 2	180 Lightning
60	Unconhalitie			181 Electricity (Lightning Excepted)
60	Encephalitis	12		182 Homicide by Firearms
61 61a	Cerebrospinal Fever	12	Abscess, etc	183 Homicide by Cutting or Piercing In-
62	Locomotor Ataxia	12		struments
63a	Anterior l'oliomyelitis	12		184 Homicide by other Means
Ь	Other Diseases of the Spinal Cord		tal Organs	185 Fractures (Cause not Specified)
64	Cerebral Haemorrhage, Apoplexy 4	12	Uterine Haemorrhage (nonpuerperal)	186 Other External Violence
65	Softening of Brain 1	12	Uterine Tumor (noncancerous)	XIV-ILL DEFINED DISEASES.
66	Paralysis Without Specified Cause	13		
67	General Paralysis of the Insane	13		187 Ill Defined Organic Disease
68	Other Forms of Mental Alienation	13	Salpingitis and other Diseases of the	188 Sudden Death
90			Female Genital Organs	189 Cause of Death not Specified or Ill-defined 3
69	Epilepsy		Temale Gental Organs	
	Convulsions (nonpuerperal)	13	Nonpuerperal Diseases of the Breast	
69		13	Nonpuerperal Diseases of the Breast (Cancer Excepted)	TOTAL DEATHS 145

#### DEATHS BY AGES

	Total	Males	Femal
Under 1 day	4	3	1
1-2 days	5	4	1
2-3 days	2	3	1
3 days-1 week	1	1	0
1-2 weeks	2	1	1
2-3 weeks	2	1	1
3 wks-1 month	2	1	1
1-2 months	1	0	1
2-3 months	4	2	2
3-6 months	4	2	2
6-9 months	6	4	2
9-12 months.	7	3	4
1 year	12	8	4
2 years	4	1	3
3 years	2	2	0
4 years	1	1	0
5-9 years	3	1	2
10-14 years	2	0	2
15-19 years	2	1	1
20-24 years	7	1	6
25-29 years	5	อั	0
30-34 years	4	1	3
35-39 years	6	0	6
40-44 years	5	3	2
45-49 years	3	2	1
50-54 years	5	3	2
55-59 years	9	5	4
60-64 years	8	3	õ
65-69 years	8	6	2
70-74 years	10	7	3
75-79 years	2	2	0
80-84 years	2	0	2
85-89 years	. 3	1	2
90-94 years	. 2	0	2
95-99 years		0	0
100 +		0	0
Unknown		0	0
Total	45	76	69

#### DEATHS BY WARDS

1	21
2	10
3	11
4	10
5	12
6	18
7	7
8	38
9	18

#### HOSPITALS

City Hospital	1	7
Union Hospital	1	1
St. Anne's Hospital		
Bay View Hospital		1
Highland Rd. Hospital		
Highland Hospital		2

#### STILL BIRTHS

Males	6
Females	2
Unknown	
Total	8

#### NATIVITY

Fall River6	4
Massachusetts1	8
Other States1	1
Ireland1	1
Canada1	6
England	7
Scotland	
Italy.	
Azores1	l
Poland	
Austria	
Russia	
Sweden	
Syria	
China	
Unknown	

### CEMETERIES Oak Grove .....

North Burial Ground12
St. John's 8
St. Mary's 1
St. Patrick's37
Notre Dame51
St. Mary's (Polish)
Jesus Marie Convent Tomb
Nwoo Hill
Our Lady of Light 6
Agedas Aham
Sent away for interment 6
Brought here for interment13

#### SEX

Male	76
Female	69
	-

#### COLOR

White1	14
Colored	1

#### CONDITION

Married	45
Single	78
Widowed	21
Divorced	1
Unknown	

There were 367 cases of contagious diseases reported for June viz:

Diphtheria	13
Scarlet Fever	
Typhoid Fever	24
Tuberculosis of Lungs	48
Tuberculosis, Other Forms.	3
Whooping Cough	13
Measles	
German Measles	
Ophthalmia Neonatorum	8
Suppurative Conjunctivitis	3
Chicken Pox	12
Dysentery, Bacillary	
Cerebro-Spinal Meningitis	
Malaria	1
Pneumonia, Lobar	11

Mumps

The following is the number of contagious diseases reported in each ward: 1-44; 2-25; 3-20; 4-25; 5-50; 6-100; 7-20; 8-47; 9-36.

Estimating the population at 131,358, 145 deaths would give an annual death rate of 13.25 in 1,000.

This is 26 less than last month and 20 more than the same month in 1916.

FRANK L. LARKIN, Secretary

#### WHAT IS PURE MILK?

Milk from healthy cows.

Milk properly handled.

Milk in clean containers.

Milk kept cool until used.

In refusing to allow milk to be sold in the city until the cows have been examined; and inspecting dairies for the handling of the milk and the cleansing and sterilizing of all containers, the Health Department is doing its part to insure Pure Milk to the Public; the consumer should do his share by promptly placing the milk on ice and keeping it covered. Even though the price of milk has been advanced, still it is one of the cheapest foods and it must be remembered that it costs more money to produce safe milk than unsafe milk.

The Board of Health has arranged with the State Department of Health for supplies of both Paratyphoid fever vaccine and the combined Paratyphoid fever and Typhoid fever serum, which will be furnished to physicians who are urged to use the same.

#### BATHING REGULATIONS

In compliance with an order adopted by the Board of Aldermen; on July 24th, the Board of Health voted that signs be placed prohibiting bathing in certain places along the waterfront and elsewhere, where the water is unfit to bathe in and on July 31st, 1917 adopted the following.

#### REGULATION.

The Board of Health deems bathing in the waters of Taunton River (in the vicinity of any of the public sewer outlets) in the City of Fall River and bathing in any part of the Quequechan River below the Sand Bar or, in the vicinity of its outlet into Taunton River and in any part of the stream flowing from Cook Pond to tide water or in the vicinity of its entrance into Taunton River, or in any other waters in the City of Fall River as it may determine and prohibit by posting notices, as dangerous to public health and forbids the same under a penalty of a fine of one hundred dollars for violation thereof.

#### A WAIL FROM THE DIRTY FOOD DEALER

Verily, the food inspector is no friend of mine.

He forceth me to screen my doors and windows and to provide coverings for all the eatables which I keep in my store.

He causeth me to scrub my ice box once a week. And heapeth upon me his wrath, when I insist that twice in a twelve month should suffice.

Yea, he waxeth hot and threateneth me with the law, because I remove not daily all garbage and other refuse from my store.

Likewise, he fumeth and frotheth, when he findeth my meat grinder and my sausage mill are not clean. And neither doth he hesitate to tell me my sausage is sour and flingeth it into the garbage can. Also he laugheth me to scorn, when I do protest against the injunctions he insists I must obey, or "tell my story to the judge in the courts."

And always he sayeth unto me, that I must clean up and keep clean, or he will take from me the license for which I have paid, and take me into court besides.

And so all my days are days of trouble and fear, that I do not the things which he commands, though I can see in them no reason or good at all. All these things vexeth me much, for from my tormentor I can find no relief; for it seemeth that he shall follow me all the days of my life. Selah.

"Birmingham Health News."



Hall River, Mass.

## MONTHLY BULLETIN

-OF THE-

### BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

Copies of the Bulletin will be mailed upon request

VOL. I. AUGUST, 1917 NO. 10

# Mortality for the Month of July, 1917. After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.

	Alter the Berthion Chapter.					
						WIL THE DIEDDED AT STATE
	I-GENERAL DISEASES.		72	Chorea 1		VII—THE PUERPERAL STATE.
1	Typhoid Fever	1	73	Neuralgia and Neuritis	134	Accidents of Pregnancy
2	Typhus Fever		74	Other Diseases of Nervous System	135	Puerperal Haemorrhage
		1	75	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor
3	Relapsing Fever		76	Diseases of the Ears	137	Puerperal Septicæmia
3	Malaria				138	Puerperal Albuminuria and Convulsions
5	Smallpox	,   1	III–	-DISEASES OF THE CIRCULATORY	139	Puerperal Phlegmasia Alba Dolens, em-
6	Measles	5		SYSTEM.	100	bolus, Sudden Death
7	Scarlet Fever		77	Pericarditis	140	Following Childbirth (not otherwise de-
8	Whooping Cough	1	77		140	fined)
9	Diphtheria and Croup	l	78	Acute Endocarditis	1.01	Duamanal Disasses of the Preset
10	Influenza		79	Organic Diseases of Heart 16	141	Puerperal Diseases of the Breast
11	Military Fever		80	Angina Pectoris	VIII-	-DISEASES OF THE SKIN AND OF
12	Asiatic Cholera		81	Diseases of the Arteries, Atheroma,		THE CELLULAR TISSUE.
13	Cholera Nostras			Aneurysm, etc 2		
14	Dysentery		82	Embolism and Thrombosis	142	Gangrene
15	Plague		83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle
	Yellow Fever			phlebitis, etc)	144	Acute Abscess
16			84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa
17	Leprosy			gitis, etc.)	TV 1	DISTANCES OF THE DONES AND OF
18	Erysipelas		85	Haemorrhage; Other Diseases of the	1X-	DISEASES OF THE BONES AND OF
19	Other Epidemic Diseases			Circulatory System	1	THE ORGANS OF LOCOMOTION.
20	Purulent Infection and Septicæmia			Official Control of Co	1.4.0	Discours of the Description (Technologie
21	Glanders	I	V-	-DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis
22	Anthrax				1.40	Excepted)
23	Rabies			SYSTEM.	147	Diseases of the Joints (Tuberculosis and
24	Tetanus		86	Diseases of Nasal Fossae		Rheumatism Excepted)
25	Mycoses		87	Diseases of Larynx	148	Amputations
26	Pellagra		88	Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-
27	Beriberi		89	Acute Bronchitis		motion
28	Tuberculosis of the Lungs		90	Chronic Bronchitis		
29	Acute Miliary Tuberculosis		91	Bronchopneumonia 3		X-MALFORMATIONS.
	Tuberculous Meningitis	. )	92	Pneumonia 2	150	Congenital Malformation (Still births
30	Abdominal Tuberculosis		93	Pleurisy 1		not Included) 2
31	Pott's Disease		94	Pulmonary Congestion, Pulmonary		·
32			04		XI	-DISEASES OF EARLY INFANCY.
33	White Swellings		05	Congress of the Lung	151	Concenital Debility Interna and Salarama
34	Tuberculosis of other Organs		95	Gangrene of the Lung		Congenital Debility Icterus and Sclerema
35	Disseminated Tuberculosis	1	96	Asthma	a	Premature Birth
36	Rickets		97	Pulmonary Emphysema	1 6 0	Congenital Debility
37	Syphilis		98	Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy 2
38	Gonococcus Infection			(Tuberculosis Excepted)	153	Lack of Care
39	Cancer and other Malignant Tumors of		<b>V</b> _	DISEASES OF THE DIGESTIVE SYS-		XII-OLD AGE.
	the Buccal Cavity				154	
40	Cancer and other Malignant Tumors of			TEM.	154	Senility
	the Stomach, Liver	3	99	Diseases of the Mouth and Annexa		XIII-EXTERNAL CAUSES.
41	Cancer and other Malignant Tumors of		00	Diseases of the Pharynx		AIII-EATERNAL CAUSES.
	the Peritoneum, Intestines, Rectum	1	01	Diseases of the Oesophagus	155	Suicide by Poison
42	Cancer and other Malignant Tumors of		02	Ulcer of the Stomach	156	Suicide by Asphyxia
72	the Female Genital Organs 1		03	Other Diseases of the Stomach (Cancer	157	Suicide by Hanging or Strangulation
42	Cancer and other Malignant Tumors of	1		Excepted)	158	Suicide by Drowning
43	the breast	1	04	Diarrhoea and Enteritis (under 2 years) 22	159	Suicide by Firearms
44	Cancer and other Malignant Tumors of		05	Diarrhoea and Enteritis (2 years and over) 3	160	Suicide by Cutting or Piercing Instru-
44			06	Ankylostomiasis	100	
4-	Canage and other Malignant Tumors of			Intestinal Parasites	161	ments. 1
45	Cancer and other Malignant Tumors of		07		162	Sucide by Jumping from a High Place
	other organs and of organs not		08	Appendicitis and Typhlitis		Su cide by Crushing.
	specified.		09	Hernia, Intestinal Obstructions	163	Other Suicides.
46	Other Tumors (Tumors of the female		10	Other Diseases of the Intestines	164	Poisoning by Food.
0.00	genital organs excepted)		11	Acute Yellow Atrophy of the Liver	165	Other Acute Poisonings
47	Acute Articular Rheumatism		12	Hydatid Tumor of the Liver	166	Conflagration E
48	Chronic Rheumatism and Gout		13	Cirrhosis of the Liver	167	Burns (Conflagration Excepted)
49	Scurvy	1 .	14	Biliary Calculi	168	Absorption of Deleterious Gases (Con-
50	Diabetes	1 -	15	Other Diseases of the Liver	100	flagration Excepted)
51	Exophthalmic Goitre		16	Diseases of the Spleen	169	Accidental Drowning 2
52	Addison's Disease	1 .	17	Simple Peritonitis (nonpuerperal) 2	170	Traumatism by Firearms
53	Leuchæmia		18	Other Diseases of the Digestive System	171	Traumatism by Cutting or Piercing In-
54	Anæmia, Chlorosis	5		Cancer and Tuberculosis Excepted		struments
55	Other General Diseases	_	77	NONVENEDE AT DISPASSE OF THE	172	Traumatism by Fall
56	Alcoholism (Acute or Chronic)		V I	NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
57	Chronic Lead Poisoning			GENITO-URINARY SYSTEM AND	174	Traumatism by Machines
58	Other Chronic Occupation Poisonings			ANNEXA.	175	Traumatism by other Crushing (Vehi-
59	Other Chronic Poisonings					cles, Railroad, Landslides, etc.) 3
			119	Acute Nephritis	176	Injuries by Animals
II-D	ISEASES OF THE NERVOUS SYSTEM		20	Bright's Disease14	177	Starvation
		1	21	Chyluria	178	Excessive Cold
Al	ID OF THE ORGANS OF SPECIAL	1	22	Other Diseases of the Kidneys and	179	Effects of Heat 4
	SENSE.			Annexa	180	Lightning
			23	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis	1	24	Diseases of the Bladder	182	Homicide by Firearms
61	Simple Meningitis	1	25	Diseases of the Urethra, Urinary	183	Homicide by Cutting or Piercing In-
61a	Cerebrospinal Fever			Abscess, etc.		struments
62	Locomotor Ataxia	1	26	Diseases of the Prostate	184	Homicide by other Means
<b>63</b> a	Anterior Poliomyelitis		27	Nonvenereal Diseases of the Male Geni-	185	
b	Other Diseases of the Spinal Cord			tal Organs	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy	1 1	28	Uterine Haemorrhage (nonpuerperal)	100	Other External Violence
65	Softening of Brain	1	29	Uterine Tumor (noncancerous)		XIV-ILL DEFINED DISEASES.
66	Paralysis Without Specified Cause		30	Other Diseases of the Uterus	10-	
67	General Paralysis of the Insane		31	Cysts and other Tumors of the Ovary	187	Ill Defined Organic Disease
68	Other Forms of Mental Alienation		32	Salpingitis and other Diseases of the	188	Sudden Death
60	Epilepsy	1		Female Genital Organs	189	Cause of Death not Specified or Ill-defined
,	Convulsions (nonpuerperal)		33	Nonpuerperal Diseases of the Breast		

#### DEATHS BY AGES HOSPITALS CEMETERIES Oak Grove \_\_\_\_\_16 North Burial Ground 8 City Hospital \_\_\_\_\_13 St. John's ..... Union Hospital 2 St. Mary's ..... Under 1 day ...... 7 St. Anne's Hospital 1 St. Patrick's .....49 1-2 days ...... 0 Notre Dame.....50 Bay View Hospital 3 2-3 days ...... 1 St. Mary's (Polish) ..... Highland Rd. Hospital Jesus Marie Convent Tomb 3 days-1 week...... 0 Nwoo Hill Highland Hospital 1-2 weeks ...... 1 Our Lady of Light \_\_\_\_\_ 2 2-3 weeks ..... 0 Agedas Aham 3 wks-1 month...... 1 0 Sent away for interment ...... 2 1-2 months...... 0 0 Brought here for interment ......27 STILL BIRTHS 2-3 months ...... 6 3-6 months...... 6 SEX 5 Males \_\_\_\_\_\_ 5 6.9 months.......11 5 Male ...... 61 Females ...... 10 Female ..... 9-12 months..... 8 Unknown ..... 1 1 year ...... 5 2 Total......16 COLOR 2 years ..... 4 2 White \_\_\_\_\_134 3 years ...... 2 Colored \_\_\_\_\_0 4 years ..... 0 0 5-9 years..... 3 2 NATIVITY CONDITION 10-14 years..... 1 Married ...... 39 15-19 years..... 4 2 Fall River \_\_\_\_\_\_70 Widowed ...... 24 20-24 years ...... 1 0 Divorced ..... 25-29 years...... 5 Other States \_\_\_\_\_\_7 Unknown 30-34 years..... 5 3 Ireland 9 35-39 years...... 5 3 There were 167 cases of contagious diseases Canada 20 40-41 years...... 4 3 reported for July viz: 45-49 years..... 9 6 Diphtheria \_\_\_\_\_10 Scarlet Fever 8 50-54 years...... 5 3 Scotland \_\_\_\_\_ 1 Typhoid Fever.....19 55-59 years...... 9 Italy..... Tuberculosis of Lungs 34 60-64 years...... 4 4 Azores ...... 6 Tuberculosis, Other Forms. ..... 2 65-69 years.....10 8 Whooping Cough......30 Poland \_\_\_\_\_1 70-74 years..... 5 Measles ...... 34 Austria 75-79 years...... 5 German Measles 4 Ophthalmia Neonatorum ...... 8 Russia.... 2 80-84 years ...... 2 Suppurative Conjunctivitis...... 3 85-89 years..... 4 Wales \_\_\_\_\_1 Chicken Pox 2 90-94 years..... 1 Dysentery, Bacillary..... Nova Scotia \_\_\_\_\_2 Cerebro-Spinal Meningitis 95-99 years...... 0 China ..... 100 + ...... 0 Unknown Pneumonia, Lobar ...... 2 Unknown ...... 0 Mumps......10 The following is the number of contagious diseases reported in each ward: DEATHS BY WARDS 1-23; 2-24; 3-13; 4-18; 5-28; 6-20; 7-8; 8-17; 9-16. Estimating the population at 131,358, 134 deaths would give an annual 3 death rate of 12.24 in 1,000. This is 11 less than last month and 25 less than the same month in 1916.

FRANK L. LARKIN, Secretary

SAMUEL B. MORRISS, Agent

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#### AN OLD FABLE BROUGHT UP TO DATE

Once upon a time a great country went to war and needed her strong men to fight her battles. But when her sons were called together only half of them were found fit to do battle, the others being deficient in health and lacking in physical strength. "What shall we do?" said the people. "Unless our men are strong in body they will lose in battle. Let us ask Congress to appropriate a great sum and build hospitals where they may receive treatment and be cured of their diseases." And this Congress approved.

But some said: "A pity it is that great sums of money should be spent for this purpose now, whereas small sums spent a few years ago when these were boys would have made this unnecessary and saved the country's manhood from this blight of ill health and inefficency."

And the people said, "Yes, truly! A poorer nation, but a wiser one, will we be when this war is over." — Health Bulletin, North Carolina State Board of Health.

The old story of having an ambulance down in the valley to take care of those who fall over the cliff rather than building a fence at the top of the cliff to prevent people from falling over.

#### THE MORAL

It has been stated that ordinarily two to three out of every four applicants for enlistment are rejected on account of physical disability. This is borne out by a recent official news statement issued by the government which indicates that during four and a half months after the declaration of war only 448,859 men were accepted out of about 1,300,000 men who volunteered. In a recent issue of the Journal of American Public Health, Assistant Surgeon Charles A. Costello stated that twenty-seven per cent of the rejections of men applying for enlistment in the Navy were on account of defective teeth and that thirty-five percent were due to defective vision. He stated that "A peculiar coincidence I have noticed in the examination of applicants who have defective teeth is the frequency that defective vision is present in the same individual; from this I am led to believe that the man, with a mouthful of decayed teeth, develops a toxin which in some way is partially responsible for the condition of his eyes.'

The experience of our own city in furnishing men for the New National Army, in that in one district it was necessary to examine over eighteen hundred men in order to get less than three hundred men, brings this matter home to us. Many men apparently in good physical condition were rejected. Some people believe that the large number of rejections are due to the very strict physical requirements of the government, but this of course does not alter the fact that these men rejected have some defect which will prevent him from reaching the highest efficiency of a soldier.

Of course these defects as far as possible should be corrected but in addition to that, steps should be taken to conserve the health of those who in a few

years more will reach manhood and womanhood, the school children of the present, and do the work which, if undertaken, a few years earlier, would have meant a far different story at the present time. Much of this work could be accomplished through Medical Inspection of Schools of which Rosneau says, "The object of Medical Inspections of Schools is not primarily the treatment of disease, but rather their prevention?' Through the annual physical examination of each school child and the subsequent examination of all children whom the teacher notices showing any suspicious symptoms, defects and diseases would be discovered which if properly treated would most probably mean the removing of a serious handicap and the effective development of the full physical powers of the child. Of course the function of the Medical Inspector is to discover defects, etc., if they exist and not to treat them. The treatment must be through the family, and the parents of the child should accept this responsibility and cooperate with the Medical Inspector and Teacher in their efforts to assist the child. In this city, when a child is examined and defects found the parent or guardian is notified, by the school teacher, on a regular form. After two weeks the teacher notifies this department and if nothing has been done the case is then referred to the District Nursing Association, and the nurses take the matter up with the parents and explain to them the necessity of treatment and advise that it be given.

During the School year ending in November 1916, a total of 29,723 defects, and diseases were reported among 'school children to this office, of these 7,450 received treatment either through clinics or by their family physician, 261 were treated through the District Nursing Association, and there was no treatment for 22,012. Of these there were 9,986 children with defective teeth, of which 3,618 were treated and 6,368 were given no treatment. 3,184 Hypertrophied Tonsils were reported of which 1,647 were not treated. In the case of Adenoids of 2,591 reported, 2,089 were not treated. This despite the fact that the parent or guardian was notified directly by the school teacher and also by a District Nurse, and where the family was found to be unable to pay for treatment, they were referred to clinics, etc., where the treatment would be given free of charge. The number of children with defective teeth has an especial significance when Surgeon Costello's figures and statements are taken into account. The lack of treatment of Adenoids may prevent breathing through the nose and by causing abnormal breathing through the mouth not only affect the physical, but also the mental development of the child. Tonsils which are diseased fail to properly act as filters and bacteria are permitted to pass through and into the system and diseases of the kidneys and heart develop.

If taking care of oneself has been defined as more than sense now — it is a duty, then surely it is a parent's duty to take care of his child's health especially when the need of such care is pointed out to him. — So that the child may not only have it's chance in ordinary times, but also if the need should arise when he reaches manhood that he will be found not only willing, but fit to serve his country.



Hall River, Mass.

### MONTHLY BULLETIN

-OF THE-

### BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

Copies of the Bulletin will be mailed upon request

VOL. I. SEPTEMBER 1917 NO.11

# Mortality for the Month of August, 1917. After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.

	CENEDAL DISEASES		CI		VII—THE PUERPERAL STATE.
	I-GENERAL DISEASES.	72	Chorea	170	
1	Typhoid Fever 3	73	Neuralgia and Neuritis	134	Accidents of Pregnancy
2	Typhus Fever	74	Other Diseases of Nervous System 1	135	Puerperal Haemorrhage
3	Relapsing Fever	75	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor
4	Malaria	76	Diseases of the Ears	137	Puerperal Albuminuria and Convulsions
5	Smallpox	III-	-DISEASES OF THE CIRCULATORY	138	Puerperal Phlogmania Alba Dolens em.
6	Measles 1	1	SYSTEM.	139	Puerperal Phlegmasia Alba Dolens, em-
7	Scarlet Fever	200		140	bolus, Sudden Death
8	Whooping Cough 1	77	Pericarditis 1	140	Following Childbirth (not otherwise de-
9	Diphtheria and Croup 3	78	Acute Endocarditis 1	141	fined)
10	Influenza	79	Organic Diseases of Heart 15	141	Puerperal Diseases of the Breast
11	Military Fever	80	Angina Pectoris	VIII	-DISEASES OF THE SKIN AND OF
12	Asiatic Cholera	81	Diseases of the Arteries, Atheroma,		THE CELLULAR TISSUE.
13	Cholera Nostras	1	Aneurysm, etc 1	140	40
14	Dysentery 2	82	Embolism and Thrombosis	142	Gangrene
15	Plague	83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle
16	Yellow Fever		phlebitis, etc)	144	Acute Abscess
17	Leprosy	84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa 1
18	Erysipelas		gitis, etc.)	IX-	DISEASES OF THE BONES AND OF
19	Other Epidemic Diseases	85	Haemorrhage; Other Diseases of the		
20	Purulent Infection and Septicæmia		Circulatory System		THE ORGANS OF LOCOMOTION.
	Glanders			146	Diseases of the Bones (Tuberculosis
21	Anthrax	IV-	-DISEASES OF THE RESPIRATORY		Excepted)
22	Rabies	-	SYSTEM.	147	Diseases of the Joints (Tuberculosis and
23	Tetanus	86	Diseases of Nasal Fossae		Rheumatism Excepted)
24		87	Diseases of Larynx	148	Amputations
25	MycosesPellagra	88	Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-
26		89	Acute Bronchitis	- 10	motion
27	Beriberi Tuberculesis of the Lungs 7	90	Chronic Bronchitis		
28	Tuberculosis of the Lungs	1	Bronchopneumonia 2		X-MALFORMATIONS.
29	Acute Miliary Tuberculosis	91		150	Congenital Malformation (Still births
30	Tuberculous Meningitis 2	92	Pheumonia		not Included)
31	Abdominal Tuberculosis	93	Pleurisy		110111111111111111111111111111111111111
32	Pott's Disease	94	Pulmonary Congestion, Pulmonary	XI	-DISEASES OF EARLY INFANCY.
33	White Swellings	0.5	Apoplexy	161-	Congouital Dability Istanus and Calarama
34	Tuberculosis of other Organs	95	Gangrene of the Lung	151	Congenital Debility Icterus and Sclerema
35	Disseminated Tuberculosis	96	Asthma	a	Premature Birth
36	Rickets 2	97	Pulmonary Emphysema	b	Congenital Debility
37	Syphilis 1	98	Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy 2
38	Gonococcus Infection		(Tuberculosis Excepted) 2	153	Lack of Care
39	Cancer and other Malignant Tumors of	V/-	-DISEASES OF THE DIGESTIVE SYS-		XII-OLD AGE.
	the Bucçal Cavity			154	
40	Cancer and other Malignant Tumors of		TEM.	154	Senility
	the Stomach, Liver 2	99	Diseases of the Mouth and Annexa		XIII-EXTERNAL CAUSES.
41	Cancer and other Malignant Tumors of	100	Diseases of the Pharynx		
	the Peritoneum, Intestines, Rectum	101	Diseases of the Oesophagus	155	Suicide by Poison
42	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	156	Suicide by Asphyxia
	the Female Gen tal Organs	103	Other Diseases of the Stomach (Cancer	157	Suicide by Hanging or Strangulation
43	Cancer and other Malignant Tumors of		Excepted)	158	Suicide by Drowning
	the breast 1	104	Diarrhoea and Enteritis (under 2 years) 73	159	Suicide by Firearms
44	Cancer and other Malignant Tumors of	105	Diarrhoea and Enteritis (2 years and over) 6	160	Suicide by Cutting or Piercing Instru-
**	the skin	106	Ankylostomiasis		ments
45	Cancer and other Malignant Tumors of	107	Intestinal Parasites	161	Sucide by Jumping from a High Place
10	other orga s and of organs not	108	Appendicitis and Typhlitis 3	162	Su cide by Crushing.
	specified	109	Hernia, Intestinal Obstructions 1	163	Other Suicides
46	Other Tumors (Tumors of the female	110	Other Diseases of the Intestines	164	Poisoning by Food
	genital organs excepted) 2	111	Acute Yellow Atrophy of the Liver	165	Other Acute Poisonings
47	Acute Articular Rheumatism	112	Hydatid Tumor of the Liver	166	Conflagration
48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	167	Burns (Conflagration Excepted)
49	Scurvy	114	Biliary Calculi	168	Absorption of Deleterious Gases (Con-
50	Diabetes 2	115	Other Diseases of the Liver		flagration Excepted)
51	Exophthalmic Goitre	116	Diseases of the Spleen	169	Accidental Drowning
52	Addison's Disease	117	Simple Peritonitis (nonpuerperal)	170	Traumatism by Firearms
53	Leuchæmia	118	Other Diseases of the Digestive System	171	Traumatism by Cutting or Piercing In-
54	Anæmia, Chlorosis		Cancer and Tuberculosis Excepted 4		struments
55	Other General Diseases			172	Traumatism by Fall
56	Alcoholism (Acute or Chronic)	VI-	-NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
57	Chronic Lead Poisoning		GENITO-URINARY SYSTEM AND	174	Traumatism by Machines
58	Other Chronic Occupation Poisonings		ANNEXA.	175	Fraumatism by other Crushing (Vehi-
59	Other Chronic Poisonings				cles, Railroad, Landslides, etc.)
		119	Acute Nephritis 2	176	Injuries by Animals
IIT	DISEASES OF THE NERVOUS SYSTEM	120	Bright's Disease10	177	Starvation
		121	Chyluria	178	Excessive Cold
Al	ND OF THE ORGANS OF SPECIAL	122	Other Diseases of the Kidneys and	179	Effects of Heat
	SENSE.		Annexa	180	Lightning
		123	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis	124	Diseases of the Bladder.	182	Homicide by Firearms
61	Simple Meningitis	125	Diseases of the Urethra, Urinary	183	Homicide by Cutting or Piercing In-
61a	Cerebrospinal Fever 1		Abscess, etc.		struments
62	Locomotor Ataxia	126	Diseases of the Prostate	184	Homicide by other Means
<b>63</b> a	Anterior Poliomyelitis 1	127	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)
Ь	Other Diseases of the Spinal Cord		tal Organs	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy11	128	Uterine Haemorrhage (nonpuerperal)	.50	
65	Softening of Brain 1	129	Uterine Tumor (noncancerous)		XIV—ILL DEFINED DISEASES.
66	Paralysis Without Specified Cause	130	Other Diseases of the Uterus	107	
67	General Paralysis of the Insane	131	Cysts and other Tumors of the Ovary	187	Ill Befined Organic Disease
68	Other Forms of Mental Alienation	132	Salpingitis and other Diseases of the	188	Sudden Death
69	Epilepsy		Female Genital Organs	189	Cause of Death not Specified or Ill-defined
70	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast		
71	Convulsions of Infants 1		(Cancer Excepted)		

### DEATHS BY AGES

	otai	Males	Femal
Under 1 day	5	2	3
	0	()	0
2-3 days	0	0	0
3 days-1week	2	1	1
1-2 weeks	2	1	1
2-3 weeks	1	0	1
3 wks-1 month	3	2	1
1-2 months	9	3	6
2-3 months1	3	8	5
3-6 months2	0	13	7
6-9 months	3	11	12
9-12 months	2	5	7
1 year1	0	5	5
2 years	4	3	1
3 years	3	2	1
4 years	2	0	2
5-9 years	7	6	1
10-14 years	1	()	1
15-19 years	2	1	1
20-24 years	2	1	1
25-29 years	2	1	1
30-34 years	4	2	2
35-39 years	4	1	3
40-44 years	õ	2	3
45-49 years	ŏ	3	2
50-54 years	8	4	4
55-59 years1		6	7
60-64 years1	1	3	8
65-69 years1	0	5	5
70-74 years1	3	4	9
75-79 years	1	1	0
80-84 years	3	2	1
85-89 years	1	1	0
	0	0	0
(000)	0	0	0
700	0	0	0
C	0	0	0
Total20	1	99	102

#### DEATHS BY WARDS

1	27
2	16
3	39
4	1
5	16
6	22
7	4
8	57
9	19

#### HOSPITALS

City Hospital 17	ĺ
Union Hospital 13	5
St. Anne's Hospital 8	3
Bay View Hospital 8	3
Highland Rd. Hospital.	l
Highland Hospital	2

#### STILL BIRTHS

Males	9
Females	5
Unknown	0
Total	14

#### NATIVITY

Fall River118
Massachusetts1
Other States
Ireland1
Canada19
England
Scotland
Italy
Azores1
Poland
Austria
Russia
Wales
Nova Scotia
China
Unknown

#### CEMETERIES

Oak Grove23
North Burial Ground19
St. John's
St. Mary's
St. Patrick's60
Notre Dame84
St. Mary's (Polish) 1
Jesus Marie Convent Tomb
Nwoo Hill 3
Our Lady of Light 5
Agedas Aham
Sent away for interment 4
Brought here for interment32
SEX

Male		99
Pemale	1	02

#### COLOR

White \_\_\_\_\_\_200 Colored \_\_\_\_\_\_1

#### CONDITION

Married	41
Single1	28
Widowed	31
Divorced	1
Unknown	

There were 165 cases of contagious diseases reported for Aug. viz:

Diphtheria2	3
Scarlet Fever	3
Typhoid Fever3	2
Tuberculosis of Lungs3	4
Tuberculosis, Other Forms.	5
Whooping Cough 2	
Measles 1	
German Measles	
Ophthalmia Neonatorum1	3
Suppurative Conjunctivitis	2
Chicken Pox	
Dysentery, Bacillary	2
Cerebro-Spinal Meningitis	
Anterior Poliomyelitis	

Pneumonia, Lobar \_\_\_\_\_\_2 Mumps \_\_\_\_\_\_5

The following is the number of contagious diseases reported in each ward:

1-20; 2-19; 3-39; 4-12; 5-16; 6-16; 7-9; 8-11; 9-23.

Estimating the population at 131,358, 201 deaths would give an annual death rate of 18.36 in 1,000.

This is 67 more than last month and 17 less than the same month in 1916.

FRANK L. LARKIN, Secretary

#### TYPHOID FEVER

The unusual number of cases of Typhoid fever reported during the summer months has been a source of grave solicitude to the Board of Health During the four months commencing with June 127 cases have been reported which, with 29 cases that occurred in the five months preceding June 1st, would be 20 cases in excess of the annual average for the previous ten years including the epidemic of last year when we had 100 cases over the normal annual average.

In addition to the usual precautions the following rule was adopted over a year ago:

"No patient ill with TYPHOID FEVER will be permitted to be cared for at home unless sanitary conditions are satisfactory to the Board of Health and that the family, have the exclusive use of a separate water closet and an attendant to care for the patient who does no cooking, washing or housework of any kind.

"The family may arrange for the removal of the patient to any hospital it desires but in case of neglect or refusal to do so the patient will be taken to the City Hospital by the Board of Health."

This rule has been rigidly enforced and from the fact that over 57% of the patients were under 21 years of age, bathing in any of the streams or canals in the city or in the Taunton River in the vicinity of the outlets of any of the sewers was prohibited by posting the same and with the cooperation of the Police Department.

Netwithstanding these precautions ther; being no abatement in the discare which on the contrary seemed to increase and the usual investigation into sanitary conditions and the milk and water supply not revealing any clue as to the origin of any of the cases which for the most part developed in persons of foreign birth or their children who had not been absent from the city during the summer, a more searching investigation was begun the middle of July by the Sanitary Inspectors and the Veterinarian of the Board accompanied by Dr. Osborn, Epidemiologist of the State Department of Health whose assistance was asked for.

The net result of these investigations eliminated two suspected carriers and confirmed the conclusions previously reached by the Board that the spread of the disease was undoubtedly due to contact.

In corroboration of this it may be stated that over 75% of all cases have occurred in the families of persons of foreign birth a majority of whom are unfamiliar with the English language and consequently hard to be made to understand the precautions necessary

to be taken, with the result that several subsequent cases occur in the same family or among some of their relatives.

With this understanding of the matter and knowing the danger there is of transmitting typhoid fever by a convalescent patient for months after returning from a hospital to a home where proper precautions are not understood or taken the Board feels that the only sure way to prevent the spread of Typhoid fever is by the immunization of every member of the family, when the first case is discovered, by vaccination with the anti-typhoid virus and every physician is urged to use his best endeavors to have this done. There is no physician unaware of the efficacy of immunization against typhoid in the army and navy of the United States where typhoid is now practically unknown and that if typhoid vaccinations were to be practiced in general in any community; just as surely would typhoid become a thing of the past.

#### TYPHOID PROPHYLACTICS

The Board of Health is prepared to furnish, free, to physicians vaccine against typhoid and vaccine against Paratyphoid, also a combined vaccine which will immunize against both. This combined vaccine appears to produce no greater reaction than the others and is now used in the army and navy of the United States. Its' use is highly recommended. In view of this it seems that a physician should make an effort to induce his patients to be protected against the disease and physicians are earnestly requested to do this, and also to instruct convalescents upon the precautions to be taken particularly the importance of personal cleanliness and the risk run in the handling of food.

For the benefit of Typhoid Convalescents, members of their families and Associates:

"Typhoid fever is caused by the presence of minute plants, known as "typhoid germs" in the human body, and is "catching."

Typhoid germs come from persons, and only from persons.

Typhoid germs come from persons who suffer from typhoid fever and also from some persons who are in apparently good health.

Typhoid germs are discharged from the bodies of infected persons in the excretions from the bowels and kidneys.

Typhoid fever is preventable by practical measures which prevent human excreta from reaching human mouths, and by inoculation with typhoid vaccine.

Proper disposal of human excreta will prevent not only ty-

phoid fever, but also many other serious diseases, and constitutes, for any community, one of the best possible investments."

#### SOMETHING EVERY PERSON SHOULD KNOW

Most of the diseases from which mankind suffers are peculiar to man. Being healthy is the first duty of a

Disease is the greatest foe to human progress.

Personal cleanliness is one of the first requisites to community health.

There is no such thing as clean food that has been handled by dirty hands.

Sunlight and fresh air are essential factors in promoting bodily health and vigor. You cannot afford to live in a poorly ventilated room at any price. Seek light and air all the time for your health's sake. Even if you have to pay a little more rent it will be money well invested.

## SCHOOL CHILDREN AND CONTAGIOUS DISEASES

With the reopening of schools it is well that school children old enough to understand and the parents of younger children, who are not, that when their house is placarded for any contagious disease the first place they should apply for information as to their right to move is to the Board of Health office and not to their family physician. And, if application is made to the family physician for information they should be referred to the Board of Health,

Too often when a house is placarded the children without consulting the Health authorities remove to the home of some relative or friend thus exposing the people residing in that house, causing all school children therein to be excluded from school, and rendering themselves and their parents liable to a severe penalty for violating the law without any benefit to themselves. when questioned as to why they moved first and sought the advice of the advice of the Board of Health afterwards, their answer has generally been "that the doctor told them to do so". They have been excluded from school nevertheless, and while this has been the extent of the punishment meted out thus far it must not be assumed that prosecution of parents and pupils will not follow the maxt viola-

With the beginning of the school year, we beg parents to renew the care that has kept us so free from communicable disease during the past three months.

By keeping the children clean and by guarding their associations, so that they may avoid those suffering from disease, they can keep their children well.

Days lost from school work can not be replaced Every day's absence is a detriment to the scholar and the



Mall River, Mass.

### MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

Copies of the Bulletin will be mailed upon request

VOL. I. OCTOBER 1917 NO. 12

### Mortality for the Month of September, 1917.

After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.

	After the Bertillon Classing	ation	or Causes of Deaths, Second International De	cennia	Revision, Paris, 1509.
-	I-GENERAL DISEASES.		2 Chorea		VII—THE PUERPERAL STATE.
1			Neuralgia and Neuritis	134	Accidents of Pregnancy
1	Typhoid Fever 5		4 Other Diseases of Nervous System		Puerperal Haemorrhage
2	Typhus Fever	1	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor
3	Relapsing Fever		6 Diseases of the Ears	137	Puerperal Septicæmia
4	Malaria			138	Puerperal Albuminuria and Convulsions
5	Smallpox	I	-DISEASES OF THE CIRCULATORY	139	Puerperal Phlegmasia Alba Dolens, em-
6	Measles		SYSTEM.	100	bolus, Sudden Death
7	Scarlet Fever		7 Pericarditis	140	Following Childbirth (not otherwise de-
8	Whooping Cough		8 Acute Endocarditis	. 1	fined)
9	Diphtheria and Croup				Puerperal Diseases of the Breast
10	Influenza	1 8			
11	Military Fever	1 8		VII	I-DISEASES OF THE SKIN AND OF
12	Asiatic Cholera	,	Aneurysm, etc		THE CELLULAR TISSUE.
13	Cholera Nostras	1 8	and the second of the second o	142	Gangrene
14	Dysentery			143	Furuncle
15	Plague	8		144	Acute Abscess
16	Yellow Fever		phlebitis, etc)	145	Other Diseases of the Skin and Annexa
17	Leprosy	8		140	Other Diseases of the 5km and Annexa
18	Erysipelas		gitis, etc.	IX-	-DISEASES OF THE BONES AND OF
19	Other Epidemic Diseases	8			THE ORGANS OF LOCOMOTION.
20	Purulent Infection and Septicæmia 1		Circulatory System		
21	Glanders	1 17	-DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis
22	Anthrax	1			Excepted)
23	Rabies		SYSTEM.	147	Diseases of the Joints (Tuberculosis and
24	Tetanus	8	B Diseases of Nasal Fossae		Rheumatism Excepted)
25	Mycoses	8	7 Diseases of Larynx	148	Amputations
26	Pellagra	8	B Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-
27	Beriberi	8			motion
28	Tuberculosis of the Lungs 8	9	Chronic Bronchitis		X-MALFORMATIONS.
29	Acute Miliary Tuberculosis	9	Bronchopneumonia		
30	Tuberculous Meningitis 2	9			Congenital Malformation (Still births
31	Abdominal Tuberculosis	9			not Included)
52	Pott's Disease	9		70	I_DISEASES OF FARINGING
33	White Swellings		Apoplexy		I—DISEASES OF EARLY INFANCY.
34	Tuberculosis of other Organs 1	9		151	Congenital Debility Icterus and Sclerema
35	Disseminated Tuberculosis	9		a	
36	Rickets	9		Į į	Congenital Debility
37	Syphilis	9		152	Other Diseases Peculiar to Early Infancy 1
	Gonococcus Infection		(Tuberculosis Excepted)	153	Lack of Care
38	Cancer and other Malignant Tumors of	Į			
39	the Buccal Cavity	1	-DISEASES OF THE DIGESTIVE SYS-		XII-OLD AGE.
40	Cancer and other Malignant Tumors of		TEM.	154	Senility1
40	the Stomach, Liver	1 9	Diseases of the Mouth and Annexa		
41	Cancer and other Malignant Tumors of	10			XIII—EXTERNAL CAUSES.
41	the Peritoneum, Intestines, Rectum 1	10		155	Suicide by Poison
40	Cancer and other Malignant Tumors of	10		156	Suicide by Asphyxia
42	the Female Genital Organs	10		157	Suicide by Hanging or Strangulation
477	Cancer and other Malignant Tumors of	10	and the same of th	158	Suicide by Drowning
43		100	Excepted)		
	Cancer and other Malignant Tumors of	10			Suicide by Firearms Suicide by Cutting or Piercing Instru-
44		10		100	
	Canana and ather Melignent Tymora of	10		161	ments.
45	Cancer and other Malignant Tumors of				Sucide by Jumping from a High Place
	other organs and of organs not	10		162	Suicide by Crushing.
	specified	10		163	Other Suicides
46	Other Tumors (Tumors of the female	11		164	Poisoning by Food
	genital organs excepted)	11		165	Other Acute Poisonings
47	Acute Articular Rheumatism 1	11		166	Conflagration Evaporation
48	Chronic Rheumatism and Gout	11		167	Burns (Conflagration Excepted)
49	Scurvy	11		168	Absorption of Deleterious Gases (Con-
50	Diabetes 1	11		100	flagration Excepted)
51	Exophthalmic Goitre	11		169	Accidental Drowning 1
52	Addison's Disease	11		170	Traumatism by Firearms
53	Leuchæmia	11		171	Traumatism by Cutting or Piercing In-
54	Anæmia, Chlorosis		Cancer and Tuberculosis Excepted	100	struments
55	Other General Diseases	37	-NONVENEREAL DISEASES OF THE	172	Traumatism by Fall
56	Alcoholism (Acute or Chronic)	V			Traumatism in Mines and Quarries
57	Chronic Lead Poisoning		GENITO-URINARY SYSTEM AND	174	Traumatism by Machines
58	Other Chronic Occupation Poisonings		ANNEXA.	175	Traumatism by other Crushing (Vehi-
59	Other Chronic Poisonings	11	Acute Nephritis 3	170	cles, Railroad, Landslides, etc.)
**	TOP A OPO OF THE MEDITORS CHOTTE	12	Bright's Disease 12	176	Injuries by Animals
11—1	ISEASES OF THE NERVOUS SYSTEM	12	Chyluria	177	Starvation Cold
Al	ND OF THE ORGANS OF SPECIAL	12		179	Excessive Cold
	SENSE.		Annexa	180	Lightning
	GEMOE.	12	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis	12	Diseases of the Bladder.	182	Homicide by Firearms
61	Simple Meningitis	12		183	Homicide by Cutting or Piercing In-
61a	Cerebrospinal Fever 1		Abscess, etc.		struments
62	Locomotor Ataxia	12	B Diseases of the Prostate 1	184	Homicide by other Means
63a	Anterior Poliomyelitis	12	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)
b	Other Diseases of the Spinal Cord		tal Organs	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy 5	12	Uterine Haemorrhage (nonpuerperal)		
65	Softening of Brain	12	Uterine Tumor (noncancerous)		XIV—ILL DEFINED DISEASES.
66	Paralysis Without Specified Cause	13	Other Diseases of the Uterus	187	Ill Defined Organic Disease
67	General Paralysis of the Insane 1	13		188	Sudden Death
68	Other Forms of Mental Alienation	13		189	Cause of Death not Specified or Ill-defined
69	Epilepsy 1	4.0	Female Genital Organs	100	2 and the specimen of the defined a
70	Convulsions (nonpuerperal)	13			
71	Convulsions of Infants	1	(Cancer Excepted)	, ,	TOTAL DEATHS 150
					150

#### DEATHS BY AGES

	Males	Femal
Under 1 day 3		1
1-2 days 2	1	1
2-3 days 1	0	1
3 days-1week 0	0	0
1-2 weeks	0	0
2-3 weeks 3	1	2
3 wks-1 month 3	1	2
1-2 months	2	3
2-3 months 9	5	4
3-6 months16	11	5
6-9 months10	3	7
9-12 months	4	3
1 year 6	3	3
2 years 4	1	3
3 years 1	1	0
4 years 1	0	1
5-9 years 9	5	4
10-14 years 1	0	1
15-19 years 5	1	4
20-24 years 3	1	2
25-29 years 1	. 0	1
30-34 years 2	2	0
35-39 years 5	3	2
40-44 years 4	2	2
45-49 years 6	4	2
50-54 years 8	4	4
55-59 years 8	4	4
60-64 years 4	3	1
65-69 years13		6
70-74 years	1	5
75-79 years 4	2	2
80-84 years 4	0	4
85-89 years 2	1	1
90-94 years	0	0
95-99 years	0	0
100+	0	0
Unknown	0	0
Total156	3 75	81

#### DEATHS BY WARDS

1	15
2	8
3	34
4	6
5	12
6	22
7	7
8	21
9	

#### HOSPITALS

City Hospital	d
Union Hospital 12	2
St. Anne's Hospital 1	l
Bay View Hospital 2	9
Highland Rd. Hospital	)
Highland Hospital	

#### STILL BIRTHS

Males	8
Females	3
Unknown	0
Total1	1

#### NATIVITY

Fall River 89	9
Massachusetts	6
Other States1	3
Ireland	9
Canada18	8
England1	0
Scotland	
Italy	1
Azores	7
Poland	
Austria	
Russia	2
Wales	
Nova Scotia	
China	
Unknown	1

#### CEMETERIES

Oak Grove
North Burial Ground10
St. John's 2
St. Mary's 1
St. Patrick's50
Notre Dame59
St. Mary's (Polish)
Jesus Marie Convent Tomb
Nwoo Hill2
Our Lady of Light 3
Agedas Aham
Sent away for interment 4
Brought here for interment22
SEX

Male ...... Female ....

COLOR		
White1	5	6.38
Colored		1

#### CONDITION

Ma	rr	ied	34
Sin	اع	e	98
Wi	do	owed	23
Div	70	reed	1
Un	kı	own	

There were 134 cases of contagious diseases reported for Sept. viz:

Diphtheria	24
Scarlet Fever	. 7
Typhoid Fever	51
Tuberculosis of Lungs	
Tuberculosis, Other Forms	5
Whooping Cough	8
Measles	
German Measles	
Ophthalmia Neonatorum	11
Suppurative Conjunctivitis	
Chicken Pox	
Dysentery, Bacillary	
Cerebro-Spinal Meningitis	

The following is the number of contagious diseases reported in each ward: 1-28; 2-16; 3-23; 4-6; 5-13; 6-24; 7-5; 8-9; 9-10.

Estimating the population at 131,358, 156 deaths would give an annual death rate of 14.25 in 1,000.

This is 45 less than last month and 30 less than the same month in 1916.

FRANK L. LARKIN, Secretary

#### CHILD CONSERVATION

In a time of national stress, such as accompanies the present war, with the loss of man power, the importance of baby saving is tremendously accentuated. It has been demonstrated abroad that by intensive methods of child conservation enough lives of babies can be saved, over and above those saved by ordinary methods in time of peace, to go far towards replacing in a few years the man power lost because of the war.

Massachusetts has been in the forefront in baby saving and now has an opportunity of greatly increasing child conservation by assisting those agencies and organizations already engaged in child hygiene and by stimulating the establishment of such in communities where little work of this nature is being done. The Division of Hygiene of the State Department of Health has been working along these lines, but in view of the present extraordinary conditions and because of the importance of the conservation of child life at this time particularly can hardly be overestimated, the State Commissioner of Health has appointed a committee on child conservation to work in close co-operation with the Division of Hygiene, to promote further this special work.

The specific object of the work of the committee is to demonstrate to cities and towns the necessity for child conservation work and to point out the agencies needed for baby saving for that particular town. It will also be a part of its work to stimulate the communities throughout the State to provide funds for the employment of trained workers to carry on this work in each community. The work will be done by child welfare supervisors—especially trained and experienced nurses one for each of the eight health districts in the State. These supervisors will work in co-operation with the State District Health Officer in each district, making surveys of individual communities and discovering what the actual health conditions are. When the special problem of a city or town has been determined, definite effort follows to prevail upon that city or town to provide funds to meet its individual needs.

Funds for the payment of the salaries of these supervisors have been secured from the Red Cross, thus saving the State funds as far as possible, and enlisting a widespread outside interest. The sum of \$5,000 has been granted by the Governor and Council for the purpose of defraying the expenses of the field workers.

The Board of Health welcomes this departure among us. For the past five years we having been working for

the conservation of infant life with all the means at our disposal and with very satisfactory results, everything considered, but with the increased facilities promised we are encouraged to expect, and hope to see a still greater decrease in the rate of infant mortality in Fall River.

In times of peace we, as health officials, look to the physician for co-operation, knowing that very little can be accomplished without his co-operation, but now, in war-time, we shall look to the physician, not only for co-operation, but also for assistance—rather, we want every physician to feel that he is a part of the health system and that all his efforts toward preserving and protecting public health are assisting in winning this war.

Let us suggest some ways in which each and every physician can be of assistance:

- 1. In every case, or suspected case, or carrier of infectious disease, give the same energetic consideration you would if you discovered a German spy.
- 2. Go out of your way to find "Belgian Babies"—that is, babies not receiving the food, clothing, or care which they should.
- 3. If you find a landlord compelling his tenants to live amid foul and poisonous gases, give him no quarter.
- 4. Vice, immorality, violations of medical laws and other infractions tending to affect the health of the community should be acted upon without hesitation by seeing that the proper authorities are given the information that has fallen into your hands.

Physicians get closer to the individual and to the home than any other class, therefore are in a position to do the most good. The physician's responsibilities in time of peace are many, in time of war they are multiplied. Let us not be slackers, but do our full duty as a patriotic profession in the promotion of public health and welfare.—(Extract from Paper read before Fairfield Co. Medical Association of Connecticut—J. T. Black.)

#### GET GOOD NIGHT AIR

Because of improperly ventilated work rooms or other circumstances over which they have no control, some people cannot get the proper amount of fresh air in the day time, but there is absolutely no excuse for not having plenty of air in the bedroom. About half of the air is night air. When you breathe good air at night you will be refreshed in the morning and able to do a day's work.

Select your home, whether as tenant or owner, where local conditions and air are the best available.

c/4,09



Fall River, Mass.

## MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

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### CITY OF FALL RIVER

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VOL. II. NOVEMBER 1917 NO.1

### Mortality for the Month of October, 1917.

After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.

						**** *****
	I-GENERAL DISEASES.		72	Chorea	17.4	VII—THE PUERPERAL STATE.
1	Typhoid Fever	7	73	Neuralgia and Neuritis	134	Accidents of Pregnancy
2	Typhus Fever		74	Other Diseases of Nervous System	135	Puerperal Haemorrhage
3	Relapsing Fever		75	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor
4	Malaria		76	Diseases of the Ears	137	Puerperal SepticæmiaPuerperal Albuminuria and Convulsions.
5	Smalipox		III	DISEASES OF THE CIRCULATORY	139	Puerperal Phlegmasia Alba Dolens, em-
6	Measles			SYSTEM.	100	bolus, Sudden Death
7	Scarlet Fever	.	77	Pericarditis	140	Following Childbirth (not otherwise de-
8	Whooping Cough		78	Acute Endocarditis	140	fined)
9	Diphtheria and Croup 2	4	79	Organic Diseases of Heart	141	Puerperal Diseases of the Breast
10	Intluenza		80	Angina Pectoris	1.21	Tuerperar Diseases of the Breast
11	Military Fever		81	Diseases of the Arteries, Atheroma,	VIII	-DISEASES OF THE SKIN AND (
12	Asiatic Cholera		01	Aneurysm, etc		THE CELLULAR TISSUE.
13	Cholera Nostras	1	09	Embolism and Thrombosis	142	Gangrene
14	Dysentery 1	i	82	Diseases of Veins (varices, haemorrhoids,	143	Furuncle
15	Plague	ļ	83		144	Acute Abscess
18	Yellow Fever		O A	phlebitis, etc)	145	Other Diseases of the Skin and Annexa
17	Leprosy		84			
18	Erysipelas		95	Haemorrhage; Other Diseases of the	IX-	DISEASES OF THE BONES AND (
19	Other Epidemic Diseases		85		-	THE ORGANS OF LOCOMOTION.
20	Purulent Infection and Septicæmia			Circulatory System		
21	Glanders		IV	DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis
22	Anthrax		7.4			Excepted)
23	Rabies			SYSTEM.	147	Diseases of the Joints (Tuberculosis and
24	Tetanus		85	Diseases of Nasal Fossae	110	Rheumatism Excepted)
25	Mycoses		87	Diseases of Larynx	148	Amputations
26	Pellagra		88	Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-
27	Beriberi		89	Acute Bronchitis 1		motion
28	Tuberculosis of the Lungs 7	6	99	Chronic Bronchitis 1		X-MALFORMATIONS.
29	Acute Miliary Tuberculosis		91	Bronchopneumonia 4	150	
30	Tuberculous Meningitis 3		92	Pneumonia 3	150	Congenital Malformation (Still births
31	Abdominal Tuberculosis 1		93	Pleurisy		not Included)
32	Pott's Disease		94	Pulmonary Congestion, Pulmonary	XI	-DISEASES OF EARLY INFANCY.
33	White Swellings			Apoplexy		
34	Tuberculosis of other Organs		95	Gangrene of the Lung	151	Congenital Debility Icterus and Sclerema
35	Disseminated Tuberculosis		96	Asthma	a	Premature Birth
38	Rickets 1		97	Pulmonary Emphysema	b	Congenital Debility
37	Syphilis	î	98	Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy
38	Gonococcus Infection			(Tuberculosis Excepted)	153	Lack of Care
39	Cancer and other Malignant Tumors of		3.7			
	the Buccal Cavity		V	-DISEASES OF THE DIGESTIVE SYS-		XII-OLD AGE.
40	Cancer and other Malignant Tumors of			TEM.	154	Senility
	the Stomach, Liver 3	3 1	99	Diseases of the Mouth and Annexa		XIII-EXTERNAL CAUSES.
41	Cancer and other Malignant Tumors of		100	Diseases of the Pharynx		AIII-EATERNAL CAUSES.
	the Peritoneum, Intestines, Rectum 1	1	101	Diseases of the Oesophagus	155	Suicide by Poison
42	Cancer and other Malignant Tumors of		102	Ulcer of the Stomach 1	153	Suicide by Asphyxia
	the Female Genital Organs		103	Other Diseases of the Stomach (Cancer 1	157	Suicide by Hanging or Strangulation
43	Cancer and other Malignant Tumors of			Excepted)	158	Suicide by Drowning
	the breast		104	Diarrhoea and Enteritis (under 2 years)21	159	Suicide by Firearms
44	Cancer and other Malignant Tumors of		105	Diarrhoea and Enteritis (2 years and over) 2	160	Suicide by Cutting or Piercing Instru-
	the skin 1	1	106	Ankylostomiasis		ments.
45	Cancer and other Malignant Tumors of		107	Intestinal Parasites	161	Sucide by Jumping from a High Place
	other organs and of organs not		108	Appendicitis and Typhlitis 1	162	Suicide by Crushing.
	specified1	1	109	Hernia, Intestinal Obstructions	163	Other Suicides
46	Other Tumors (Tumors of the female		110	Other Diseases of the Intestines	164	Poisoning by Food
	genital organs excepted)		111		AUA	Other Acute Poisonings
47				Acute Yellow Atrophy of the Liver	165	Other Acute I orsonings
	Acute Articular Rheumatism 1	1	112			
48	Chronic Rheumatism and Gout	1		Hydatid Tumor of the Liver	165	Conflagration Burns (Conflagration Excepted)
48	Chronic Rheumatism and Gout	1	112	Hydatid Tumor of the Liver	165 166	Conflagration Excepted)
49		1	112 113	Hydatid Tumor of the Liver	165 166 167	Conflagration
49 50	Chronic Rheumatism and Gout		112 113 114	Hydatid Tumor of the Liver	165 166 167	Conflagration
49 50 51	Chronic Rheumatism and Gout		112 113 114 115	Hydatid Tumor of the Liver	165 166 167 168	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning
49 50 51 52	Chronic Rheumatism and Gout		112 113 114 115 116	Hydatid Tumor of the Liver	165 166 167 168	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms
49 50 51 52 53	Chronic Rheumatism and Gout	1	112 113 114 115 116 117	Hydatid Tumor of the Liver	165 166 167 168 169 170	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning
49 50 51 52 53 54	Chronic Rheumatism and Gout	1	112 113 114 115 116 117 118	Hydatid Tumor of the Liver	165 166 167 168 169 170	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Cutting or Piercing In-
49 50 51 52 53 54 55	Chronic Rheumatism and Gout	1	112 113 114 115 116 117 118	Hydatid Tumor of the Liver	165 166 167 168 169 170 171	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Cutting or Piercing Instruments
49 50 51 52 53 54 55 56	Chronic Rheumatism and Gout Scurvy Diabetes.  Exophthalmic Goitre	1	112 113 114 115 116 117 118	Hydatid Tumor of the Liver	165 166 167 168 169 170 171	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Cutting or Piercing Instruments Traumatism by Fall Traumatism in Mines and Quarries
49 50 51 52 53 54 55 56 57	Chronic Rheumatism and Gout Scurvy Diabetes Exophthalmic Goitre	1	112 113 114 115 116 117 118	Hydatid Tumor of the Liver	165 166 167 168 169 170 171	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Cutting or Piercing Instruments Traumatism by Fall Traumatism by Fall Traumatism in Mines and Quarries Traumatism by Machines
49 50 51 52 53 54 55 56 57 58	Chronic Rheumatism and Gout	1	112 113 114 115 116 117 118	Hydatid Tumor of the Liver	165 166 167 168 169 170 171 172 173 174	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Cutting or Piercing Instruments Traumatism by Fall Traumatism by Fall Traumatism by Machines Traumatism by Machines Traumatism by other Crushing (Vehi-
49 50 51 52 53 54 55 56 57	Chronic Rheumatism and Gout Scurvy Diabetes Exophthalmic Goitre	1	112 113 114 115 116 117 118 VI—	Hydatid Tumor of the Liver	165 166 167 168 169 170 171 172 173 174 175	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Cutting or Piercing Instruments Traumatism by Fall Traumatism by Fall Traumatism by Machines Traumatism by Machines Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.)
49 50 51 52 53 54 55 56 57 58 59	Chronic Rheumatism and Gout	1	112 113 114 115 116 117 118 VI—	Hydatid Tumor of the Liver	165 166 167 168 169 170 171 172 173 174	Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning
49 50 51 52 53 54 55 56 57 58 59	Chronic Rheumatism and Gout	1	112 113 114 115 116 117 118 VI—	Hydatid Tumor of the Liver	165 166 167 168 169 170 171 172 173 174 175	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Cutting or Piercing Instruments Traumatism by Fall Traumatism by Fall Traumatism by Machines Traumatism by Machines Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.)
49 50 51 52 53 54 55 56 57 58 59	Chronic Rheumatism and Gout	1	112 113 114 115 116 117 118 VI—	Hydatid Tumor of the Liver	165 166 167 168 169 170 171 172 173 174 175	Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning. Traumatism by Firearms. Traumatism by Cutting or Piercing Instruments. Traumatism by Fall. Traumatism by Fall. Traumatism by Machines. Traumatism by Machines. Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.). Injuries by Animals. Starvation.
49 50 51 52 53 54 55 56 57 58 59	Chronic Rheumatism and Gout	1	112 113 114 115 116 117 118 VI—	Hydatid Tumor of the Liver	165 166 167 168 169 170 171 172 173 174 175 176 177 178	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Cutting or Piercing Instruments Traumatism by Fall Traumatism by Fall Traumatism by Machines Traumatism by Machines Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.) Injuries by Animals Starvation Excessive Cold Effects of Heat
49 50 51 52 53 54 55 56 57 58 59	Chronic Rheumatism and Gout	1	112 113 114 115 116 117 118 VI— 119 120 121 122 123	Il ydatid Tumor of the Liver	165 166 167 168 169 170 171 172 173 174 175 176 177 178 179	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Cutting or Piercing Instruments Traumatism by Fall Traumatism by Machines Traumatism by Machines Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.) Injuries by Animals Starvation Excessive Cold Effects of Heat Lightning
49 50 51 52 53 54 55 56 57 58 59	Chronic Rheumatism and Gout	1	112 113 114 115 116 117 118 VI— 119 120 121 122 123 124	Hydatid Tumor of the Liver	165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Cutting or Piercing Instruments Traumatism by Fall Traumatism by Fall Traumatism by Machines Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.) Injuries by Animals Starvation Excessive Cold Effects of Heat Lightning Electricity (Lightning Excepted)
49 50 51 52 53 54 55 56 57 58 59	Chronic Rheumatism and Gout	1	112 113 114 115 116 117 118 VI— 119 120 121 122 123	Il ydatid Tumor of the Liver	165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Cutting or Piercing Instruments Traumatism by Fall Traumatism by Fall Traumatism by Machines Traumatism by Machines Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.) Injuries by Animals Starvation Excessive Cold Effects of Heat Lightning Electricity (Lightning Excepted) Homicide by Firearms
49 50 51 52 53 54 55 56 57 58 59 [I—I	Chronic Rheumatism and Gout	1	112 113 114 115 116 117 118 VI— 119 120 121 122 123 124 125	Hydatid Tumor of the Liver	165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Cutting or Piercing Instrumatism by Fall. Traumatism by Fall. Traumatism by Machines Traumatism by Machines Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.) Injuries by Animals Starvation Excessive Cold Effects of Heat Lightning Electricity (Lightning Excepted) Homicide by Firearms Homicide by Cutting or Piercing In-
49 50 51 52 53 54 55 56 57 58 59 IIII Al	Chronic Rheumatism and Gout	1	112 113 114 115 116 117 118 VI— 119 120 121 122 123 124	Hydatid Tumor of the Liver	165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Cutting or Piercing Instruments Traumatism by Fall Traumatism by Machines Traumatism by Machines Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.) Injuries by Animals Starvation Excessive Cold Effects of Heat Lightning Electricity (Lightning Excepted) Homicide by Firearms Homicide by Cutting or Piercing Instruments
49 50 51 52 53 54 55 56 57 58 59 (IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Chronic Rheumatism and Gout	1	112 113 114 115 116 117 118 VI— 119 120 121 122 123 124 125	Hydatid Tumor of the Liver	165 166 167 168 169 170 171 172 173 174 175 176 177 178 180 181 182 183	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Firearms Traumatism by Fall Traumatism by Fall Traumatism by Machines Traumatism by Machines Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.) Injuries by Animals Starvation Excessive Cold Effects of Heat Lightning Electricity (Lightning Excepted) Homicide by Firearms Homicide by Cutting or Piercing Instruments Homicide by other Means
49 50 51 52 554 555 56 57 58 60 61 61 62	Chronic Rheumatism and Gout	1	112 113 114 115 116 117 118 VI— 119 120 121 122 123 124 125	Hydatid Tumor of the Liver	165 166 167 168 169 170 171 172 173 174 175 176 177 178 180 181 182 183	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Firearms Traumatism by Fall Traumatism by Fall Traumatism by Machines Traumatism by Machines Traumatism by Other Crushing (Vehicles, Railroad, Landslides, etc.) Injuries by Animals Starvation Excessive Cold Effects of Heat Lightning Electricity (Lightning Excepted) Homicide by Firearms Homicide by Cutting or Piercing Instruments Homicide by Other Means Fractures (Cause not Specified)
49 50 51 52 53 55 55 55 66 61 61 62 63 63	Chronic Rheumatism and Gout	11	112 113 114 115 116 117 118 VI— 119 120 121 122 123 124 125	Hydatid Tumor of the Liver	165 166 167 168 169 170 171 172 173 174 175 176 177 178 180 181 182 183	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Firearms Traumatism by Fall Traumatism by Fall Traumatism by Machines Traumatism by Machines Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.) Injuries by Animals Starvation Excessive Cold Effects of Heat Lightning Electricity (Lightning Excepted) Homicide by Firearms Homicide by Cutting or Piercing Instruments Homicide by Other Means Fractures (Cause not Specified)
49 50 51 52 53 55 55 55 55 55 55 66 61 61 62 63 64	Chronic Rheumatism and Gout	11	112 113 114 115 116 117 118 VI— 119 120 121 122 123 124 125	Hydatid Tumor of the Liver	165 166 167 168 169 170 171 172 173 174 175 176 177 178 180 181 182 183	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Firearms Traumatism by Fall Traumatism by Fall Traumatism by Machines Traumatism by Machines Traumatism by Machines Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.) Injuries by Animals Starvation Excessive Cold Effects of Heat Lightning Electricity (Lightning Excepted) Homicide by Firearms Homicide by Cutting or Piercing Instruments Homicide by other Means Fractures (Cause not Specified) Other External Violence
49 50 51 52 53 55 55 55 55 60 61 61 62 63 64 65	Chronic Rheumatism and Gout	11	112 113 114 115 116 117 118 VI— 119 120 121 122 123 124 125 126 127	Hydatid Tumor of the Liver	165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Firearms Traumatism by Fall. Traumatism by Fall. Traumatism by Machines Traumatism by Machines Traumatism by Machines Traumatism by Animals Starvation Excessive Cold Effects of Heat Lightning Electricity (Lightning Excepted) Homicide by Firearms Homicide by Cutting or Piercing Instruments Homicide by Other Means Fractures (Cause not Specified) Other External Violence XIV—ILL DEFINED DISEASES.
49 50 51 52 53 55 55 56 57 58 59 61 61 62 62 63 64	Chronic Rheumatism and Gout	11	112 113 114 115 116 117 118 VI— 119 120 121 122 123 124 125 126 127	Hydatid Tumor of the Liver	165 166 167 168 169 170 171 172 173 174 175 176 177 178 180 181 182 183 184 185 186	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Firearms Traumatism by Fall Traumatism by Fall Traumatism by Machines Traumatism by Machines Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.) Injuries by Animals Starvation Excessive Cold Effects of Heat Lightning Electricity (Lightning Excepted) Homicide by Firearms Homicide by Cutting or Piercing Instruments Homicide by other Means Fractures (Cause not Specified) Other External Violence  XIV—ILL DEFINED DISEASES. Ill Defined Organic Disease
49 50 51 52 53 54 55 56 57 58 59 111—1 All 60 61 62 63 64 65 66	Chronic Rheumatism and Gout	11	112 113 114 115 116 117 118 VI— 120 121 122 123 124 125 126 127	Hydatid Tumor of the Liver	165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Firearms Traumatism by Fall Traumatism by Fall Traumatism by Machines Traumatism by Machines Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.) Injuries by Animals Starvation Excessive Cold Effects of Heat Lightning Electricity (Lightning Excepted) Homicide by Firearms Homicide by Cutting or Piercing Instruments Homicide by Cutting or Piercing Instruments Homicide by Other Means Fractures (Cause not Specified) Other External Violence  XIV—ILL DEFINED DISEASES. Ill Defined Organic Disease Sudden Death
49 50 51 52 53 54 55 57 58 59 II—II 60 61 62 63 64 65 65 66 67	Chronic Rheumatism and Gout	11 11 11 17	112 113 114 115 116 117 118 VI— 120 121 122 123 124 125 126 127 128 129 130 131	Hydatid Tumor of the Liver	165 166 167 168 169 170 171 172 173 174 175 176 177 178 180 181 182 183 184 185 186	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Firearms Traumatism by Fall Traumatism by Fall Traumatism by Machines Traumatism by Machines Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.) Injuries by Animals Starvation Excessive Cold Effects of Heat Lightning Electricity (Lightning Excepted) Homicide by Firearms Homicide by Cutting or Piercing Instruments Homicide by other Means Fractures (Cause not Specified) Other External Violence  XIV—ILL DEFINED DISEASES. Ill Defined Organic Disease
49 50 51 52 53 54 55 56 57 58 59 II—I 60 61 62 63 64 64 65 66 67 68	Chronic Rheumatism and Gout	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	112 113 114 115 116 117 118 VI— 120 121 122 123 124 125 126 127 128 129 130 131	Hydatid Tumor of the Liver	165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Firearms Traumatism by Fall Traumatism by Fall Traumatism by Machines Traumatism by Machines Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.) Injuries by Animals Starvation Excessive Cold Effects of Heat Lightning Electricity (Lightning Excepted) Homicide by Firearms Homicide by Cutting or Piercing Instruments Homicide by Cutting or Piercing Instruments Homicide by Other Means Fractures (Cause not Specified) Other External Violence  XIV—ILL DEFINED DISEASES. Ill Defined Organic Disease Sudden Death
49 50 51 52 53 54 55 56 57 58 59 11—1 60 61 62 63 64 65 66 67 68 69	Chronic Rheumatism and Gout	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	112 113 114 115 116 117 118 VI— 120 121 122 123 124 125 126 127 128 129 130 131	Hydatid Tumor of the Liver	165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186	Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Firearms Traumatism by Fall Traumatism by Fall Traumatism by Machines Traumatism by Machines Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.) Injuries by Animals Starvation Excessive Cold Effects of Heat Lightning Electricity (Lightning Excepted) Homicide by Firearms Homicide by Cutting or Piercing Instruments Homicide by Cutting or Piercing Instruments Homicide by Other Means Fractures (Cause not Specified) Other External Violence  XIV—ILL DEFINED DISEASES. Ill Defined Organic Disease Sudden Death

#### DEATHS BY AGES

	Total	Males	Female
Under 1 day	3	1	2
1-2 days	2	1	1
2-3 days	0	0	0
3 days-1week	3	2	1
1-2 weeks	2	2	0
2-3 weeks	0	0	0
3 wks-1 month	1	1	0
1-2 months	3	2	1
2-3 months	6	3	3
3-6 months	9	6	3
6-9 months	5	2	3
9-12 months	6	4	2
1 year	6	å	1
2 years	4	3	1
3 years	1	1	0
4 years	3	2	1
5-9 years	2	2	0
10-14 years	3	1	2
15-19 years	7	3	4
20-24 years	3	0	3
25-29 years	5	2	3
30-34 years	1	1	0
35-39 years	2	1	1
40-44 years	4	1	3
45-49 years	4	2	2
50-54 years	6	6	0
55-59 years		7	4
60-64 years		3	3
65-69 years		4	2
70-74 years		8	7
75-79 years		2	4
80-84 years		2	1
85-89 years		1	0
90-04 years		0	1
95-99 years		0	0
100 +		0	0
Unknown		0	0
Total		81	59
A 0 (01	10	O.L	30

#### DEATHS BY WARDS

	16
2	20
3	22
4	1.4
5	12
6	15
7	5
8	27
9	9

#### HOSPITALS

City mospital	.0
Union Hospital	8
St. Anne's Hospital	3
Bay View Hospital	1
Highland Rd. Hospital	0
Highland Hospital	2

#### STILL BIRTHS

Males11	
Females 8	,
Unknown0	,
Total19	

#### NATIVITY

Fall River67
Massachusetts6
Other States10
Ireland15
Canada16
England15
Scotland1
Italy
Azores
Poland
Austria
Russia
Wales
Nova Scotia
China
Unknown

#### CEMETERIES

Oak Grove	20
North Burial Ground	9
St. John's	
St. Mary's	1
St. Patrick's	44
Notre Dame	
St. Mary's (Polish)	
Jesus Marie Convent Tomb	
Nwoo Hill	2
Our Lady of Light	3
Agedas Aham	
Sent away for interment	7
Brought here for interment	ຸ ເ
Brought here for interment	
SEX	
Male	81
Female	59
COLOR	
White	140
Colored	0
Colored	
CONDITION	9.0
Married	
Married	77
Married Single Widowed	77 24
Married	77 24 1
Married Single Widowed Divorced Unknown There were 175 cases of contagious d reported for Oct. viz:	77 24 1
Married Single Widowed Divorced Unknown There were 175 cases of contagious d reported for Oct. viz:	77 24 1
Married Single Widowed Divorced Unknown There were 175 cases of contagious d reported for Oct. viz: Diphtheria	77 24 1 iseases 21
Married Single Widowed Divorced Unknown There were 175 cases of contagious d reported for Oct. viz: Diphtheria Scarlet Fever	77 24 1 iseases 21 4
Married Single Widowed Divorced Unknown There were 175 cases of contagious d reported for Oct. viz: Diphtheria Scarlet Fever	77 24 1 iseases 21 4
Married Single Widowed Divorced Unknown There were 175 cases of contagious dreported for Oct. viz: Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs	77 24 1 iseases 21 4 45
Married Single Widowed Divorced Unknown There were 175 cases of contagious dreported for Oct. viz: Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, Other Forms	77 24 1 iseases 21 45 5
Married Single Widowed Divorced Unknown There were 175 cases of contagious dreported for Oct. viz: Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, Other Forms Whooping Cough	77 24 1 1
Married Single Widowed Divorced Unknown  There were 175 cases of contagious dreported for Oct. viz: Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, Other Forms Whooping Cough Measles	77 24 1 1 iseases 21 45 51 13
Married Single Widowed Divorced Unknown  There were 175 cases of contagious dreported for Oct. viz: Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, Other Forms Whooping Cough Measles German Measles	77 24 1 1
Married Single Widowed Divorced Unknown  There were 175 cases of contagious dreported for Oct. viz: Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, Other Forms Whooping Cough Measles German Measles Ophthalmia Neonatorum	77 24 1 1 iseases 21 45 13 13 13
Married Single Widowed Divorced Unknown  There were 175 cases of contagious dreported for Oct. viz: Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, Other Forms Whooping Cough Measles German Measles Ophthalmia Neonatorum Suppurative Conjunctivitis	77 24 1 1 iseases 21 45 51 13 13 12 1
Married Single Widowed Divorced Unknown  There were 175 cases of contagious dreported for Oct. viz: Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, Other Forms Whooping Cough Measles German Measles Ophthalmia Neonatorum Suppurative Conjunctivitis Chicken Pox	77 24 1 1 iseases 21 4 51 13 13 12 12 2
Married Single Widowed Divorced Unknown  There were 175 cases of contagious dreported for Oct. viz: Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, Other Forms Whooping Cough Measles German Measles Ophthalmia Neonatorum Suppurative Conjunctivitis	77 24 1 1 iseases   21 4 51 13   12 1 2

Anterior Poliomyelitis 1
Pneumonia, Lobar 9
Mumps 10

The following is the number of contagious diseases reported in each ward: 1—31; 2—24; 3—24; 4—14; 5—26; 6—22; 7—2; 8—20; 9—12.

Estimating the population at 131,358, 140 deaths would give an annual death rate of 12.78 in 1,000.

This is 16 less than last month and 31 less than the same month in 1916.

FRANK L. LARKIN, Secretary

## RESULTS OF USE OF PERTUSSIS VACCINE IN FIFTY CASES OF WHOOPING COUGH.

#### By Dr. Samuel Sandler, City Physician.

It may be of interest to local physicians to know that Pertussis Vaccine has been tried out in the treatment of fifty cases of whooping cough, occurring during the past year and a half, at the City Dispensary.

In June, 1916, on learning that the New York Board of Health was using this treatment, I decided to try it out on cases that came to the Dispensary. Previous to my use of vaccine I had tried out various authorized medical treatments, such as Antipyrine and sodium Bromide mixture, Quinine and

also Pertussin.

Notwithstanding these treatments, as every physician who has used them has probably experienced, improvement was very slow and pneumonia continued to complicate some of the cases. Where as is usually the case, other children in the same family were exposed to Whooping cough they, as a general rule, contracted the disease, the duration of which is usually eight to twelve weeks and occasionally a case lasts six months.

The vaccine treatment consists of

the use of two vaccines:-

1-Pertussis vaccine,

Each c. c. of this mixture contains 100 million dead pertussis bacteria.

2—Pertussis Vaccine (combined)
Each c. c. of this vaccine contains the following dead bacteria:

50 million pertussis bacteria. 20 million Staphylococcus Aurens.

10 million Streptococcus Pyogenes. 20 million Micrococcus Catarrhalis.

20 million Bacillus Influenza.

In my early cases, I used 50 million Pertussis vaccine and increased by 50 million every three days till dose was 300 million which I then continued every three days till symptoms were relieved. After dose reached 300 million of Pertussis vaccine on next injection I added to it 1 C. C. of Pertussis Vaccine (combined). This combination of 300 million straight plus 1 C. C. of combined vaccine I kept using till treatment ended. I use a glass Luer syringe graduated to 1 C. C. and subdivisions of same. This syringe and needle is sterilized by boiling and the cover of bottles and site of injection (usually the deltoid muscle) is wiped off with a 5% solution of Phenol. The injection is made straight into the muscle.

After using this treatment in 29 cases, I found that the results were not uniform. Most of the cases were not marked by any great improvement and some even stopped coming for treatment. A small number of cases were marked by a good deal of improvement between injections and period of symptoms lessened to about four weeks. I was about to discontinue this treatment when on looking over my records I found that all the improved cases were under one year of age.

In discussing this phase with a representative of Parke Davis & Co., who were making the vaccine that I used, I learned that the dosage had not been determined exactly and that large doses were recommended.

I then obtained from Parke, Davis

& Co. vaccines of much higher concentration. The straight vaccine now used contains 2,000 million to each c. c. The combined vaccine contained to each C. C. the following number of bacteria:—

1,000 million Pertussis Bacteria,

500 million Staphylococcus Aurens, 100 million Streptococcus pyrogenes, 40 million Micrococcus Catarrhalis, 160, million Bacillus Influenza.

My method of using this treatment

for last 21 cases is as follows:—

I use ½ C. C. of straight vaccine which contains 1,000 million bacteria for initial dose in an early case of Whooping cough. I increase ½ C. C. or 1,000 million every three days till patient gets 3,000 million. I continue this dose and add to it ½ C. C. of the combined vaccine and at three days interval increase to 1½ C. C. or 3,000 million straight plus 1 C. C. combined which contains 1,000 million pertussis and 800 million combined bacteria. I have never exceeded this dose.

In late cases, i. e., where child has been whooping five or six weeks I use immediately on first injection ½ C. C. of straight and half C. C. of combined and increase to 1 C. C. of each in three days and then 1½ C. C. of combined with ½ C. C. of straight on next injection, then 2 C. C. of combined without any straight. This last dose is repeated at three days interval till symptoms are relieved.

I have used the straight vaccine as a prophylactic in an infant six months old. Although exposed to the disease by being in intimate contact with two older children who had whooping cough, the infant did not

contract the disease.

My results as shown in these last 21 cases are rapid improvement between injections, and shortened duration of illness to three weeks. After beginning of treatment, no pneumonia complicating in any of the cases and no untoward reaction in any case. As a result of my experience with the vaccine treatment of whooping cough my conclusions are:—

1—It is safe,

2—May be used as a prophylactic,

3—Pneumonia is eliminated as a com-

plication,

4—Shortens duration of disease more than any other method that I know of.

#### COMMON COLDS.

The most prevalent illness in the United States is the common cold. Remarkable as it may seem, the widespread familiarity with this condition has bred a contempt which hides its seriousness, yet when the sum total of the ravages committed by common colds is made, it becomes evident that instead of being a group of trivial affections, common colds must be classed as serious diseases.

The phrase "common colds" curiously enough, has been applied to a group of affections which are frequently the direct result of living in close, over-heated surroundings

close, over-heated surroundings.

The word "colds" means an acute infection of lining membranes of the nose, tonsils, throat and larger bronchial tubes. The process may amount to a general infection of the entire body and all of the breathing apparatus, sometimes even producing pneumonia. In this connection it may be pointed out that pneumonia kills more people in the United States than any

other disease excepting tuberculosis and heart disease. Many pneumonians begin as a common cold. Colds do not produce tuberculosis, yet unfortunately what is considered as a cold may be in reality the first symptoms of the white plague.

The causes of colds are multiform and not entirely understood. In every case, however, they are dependent upon the growth of living germs which are always received from other people. Everybody harbors disease organisms in the mouth and nose, and these under favorable conditions will produce a cold. These germs in every case were received from some other person. In other words, colds are infectious. It used to be thought that sitting in a draft or a prolonged stay in the swimming pool would produce a cold. This is erroneous, but the chilling of the body which the draft produces and the weakening of the vital forces caused by too long a swim, lower the powers of resistance and permit germs which have hitherto been harmless, to produce their disastrous effects.

Common colds occur in epidemics and are distinctly contagious. They sweep through an entire household, an entire city, an entire state, attacking the young, the adolescent, the middle aged, and frequently carrying off the aged, the weak and the debilitated. Schools, factories and stores are suddenly crippled by epidemics of this sort and the complications and serious disorders following the disease add to the great economic loss produced in this way. Infection of the cavities beneath the cheeks and brows, ear derangements, chronic lung infection, rheumatism, heart disorders, kidney impairment and depressed vitality may all follow in the train of this widespread infection.

To prevent a cold it is necessary first of all to keep the body resistance at a high point of efficiency. means that the body machinery should be kept in good order at all times. Good wholesome food in proper amount, plenty of sleep, the careful attendance to the voiding of the body wastes, the taking of regular exercise in the open air, keeping the body clean, keeping the mouth and nose clean, the avoidance of hot, stuffy, dusty rooms, the avoidance of exposure to sudden changes of temperature, the prevention of the chilling of the body either by cold or wet, are all protective measures. It should be borne in mind, however that even robust persons may contract colds from people who have them.

The germs of colds leave the body in the secretions of the mouth and nose. They enter the body through the same route. Thus a careless sneezer and the person who does not cover his mouth and nose when he coughs are breeders of these infections. When a person coughs or sneezes a fine spray carrying with it untold numbers of these germs is spread into the surrounding atmosphere to a distance of several feet and may be easily taken into the mouth and nose with the respired air. More direct contact such as by kissing, the common drinking cup, the common roller towel, by pipes, toys, pencils, fingers, food, and other things which have been con-taminated by the mouth and nose secretions of a person having a cold may carry the disease.



Fall Riner, Mass.

### MONTHLY BULLETIN

-OF THE-

### BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

Copies of the Bulletin will be mailed upon request

VOL. II. DECEMBER 1917 NO. 2

# Mortality for the Month of November, 1917.

After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.

				1	
	I-GENERAL DISEASES.	72	Chorea		VII-THE PUERPERAL STATE.
1	Typhoid Fever 1	73	Neuralgia and Neuritis	134	Accidents of Pregnancy
2	Typhus Fever	74	Other Diseases of Nervous System	135	Puerperal Haemorrhage
3	Relapsing Fever	75 76	Diseases of the Eyes and their Annexa  Diseases of the Ears	136	Other Accidents of LaborPuerperal Septicæmia
4	Malaria			138	Puerperal Albuminuria and Convulsions.
5 6	Smallpox Measles	III-	-DISEASES OF THE CIRCULATORY	139	Puerperal Phlegmasia Alba Dolens, em-
7	Scarlet Fever		SYSTEM.		bolus, Sudden Death
8	Whooping Cough	77	Pericarditis	140	Following Childbirth (not otherwise de-
9	Diphtheria and Croup 6	78	Acute Endocarditis	141	fined)
10	Influenza	79 80	Angina Pectoris 1		Puerperal Diseases of the Breast
11	Military Fever	81	Diseases of the Arteries, Atheroma,	VIII	-DISEASES OF THE SKIN AND OF
12 13	Choiera Nostras		Aneurysm, etc 5		THE CELLULAR TISSUE.
14	Dysentery	82	Embolism and Thrombosis	142	Gangrene
15	Plague	83	Diseases of Veins (varices, haemorrhoids, phlebitis, etc)	143	Furuncle
16	Vellow Fever	84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa
17 18	Erysipelas 1		gitis, etc.	IV	DISEASES OF THE BONES AND OF
19	Other Epidemic Diseases	85	Haemorrhage; Other Diseases of the		THE ORGANS OF LOCOMOTION.
20	Purulent Infection and Septicæmia		Circulatory System 1		
21	Glanders	IV-	-DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis
22	Anthrax Rabies		SYSTEM.	147	Diseases of the Joints (Tuberculosis and
23	Tetanus	86	Diseases of Nasal Fossae		Rheumatism Excepted)
25	Mycoses	87	Diseases of Larynx	148	Amputations
26	Pellagra	88	Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-
27	Tuberculosis of the Lungs15	89 90	Acute Bronchitis 2 Chronic Bronchitis 1		motion
28 29	Acute Miliary Tuberculosis	91	Bronchopneumonia		X-MALFORMATIONS.
30	Tuberculous Meningitis	92	Pneumonia	150	Congenital Malformation (Still births
31	Abdominal Tuberculosis	93	Pleurisy 1		not Included)
32	Pott's Disease	94	Pulmonary Congestion, Pulmonary Apoplexy	XI	-DISEASES OF EARLY INFANCY.
33	White Swellings	95	Gangrene of the Lung	151	Congenital Debility Icterus and Sclerema
34 35	Disseminated Tuberculosis	96	Asthma	a	Premature Birth10
36	Kickets	97	Pulmonary Emphysema	b	Congenital Debility
37	Syphilis	98	Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy 5
38	Cancer and other Malignant Tumors of		(Tuberculosis Excepted)	153	Lack of Care
39	the Buccal Cavity	V-	-DISEASES OF THE DIGESTIVE SYS-		XII+OLD AGE.
40	Cancer and other Malignant Tumors of		TEM.	154	Senility 1
	the Stomach, Liver 1	99	Diseases of the Mouth and Annexa		XIII-EXTERNAL CAUSES.
41	Cancer and other Malignant Tumors of the Peritoneum, Intestines, Rectum 2	100	Diseases of the Pharynx	155	
42	Cancer and other Malignant Tumors of	101	Ulcer of the Stomach	155 156	Suicide by Poison
74	the Female Genital Organs 1	103	Other Diseases of the Stomach (Cancer	157	Suicide by Hanging or Strangulation
43	Cancer and other Malignant Tumors of		Excepted)	158	Suicide by Drowning
	the breast	104	Diarrhoea and Enteritis (under 2 years)24	159	Suicide by Firearms 1
44	Cancer and other Malignant Tumors of the skin 1	105	Diarrhoea and Enteritis (2 years and over) Ankylostomiasis	160	Suicide by Cutting or Piercing Instru- ments.
45	Cancer and other Malignant Tumors of	107	Intestinal l'arasites	161	Sucide by Jumping from a High Place
10	other organs and of organs not	103	Appendicitis and Typhlitis 1	162	Suicide by Crushing.
	specified		Hernia, Intestinal Obstructions 1	163	Other Suicides
48	Other Tumors (Tumors of the female	110	Other Diseases of the Intestines	164	Poisoning by Food Other Acute Poisonings
47	genital organs excepted)	111	Hydatid Tumor of the Liver	165 166	Conflagration
48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	167	Burns (Conflagration Excepted)
49	Scurvy	114	Biliary Calculi 2	168	Absorption of Deleterious Gases (Con-
50	Diabetes	115	Other Diseases of the Liver	160	flagration Excepted)
51 52	Exophthalmic Goitre Addison's Disease	116	Diseases of the Spleen	169 170	Accidental Drowning
53	Leuchæmia 1	118	Other Diseases of the Digestive System	171	Traumatism by Cutting or Piercing In-
54	Anæmia, Chlorosis		Cancer and Tuberculosis Excepted	1.00	struments
55	Other General Diseases	VI-	-NONVENEREAL DISEASES OF THE	172	Traumatism by Fall
56 57	Chronic Lead Poisoning		GENITO-URINARY SYSTEM AND	173	Traumatism in wines and Quarries
58	Other Chronic Occupation Poisonings		ANNEXA.	175	Traumatism by other Crushing (Vehi-
59	Other Chronic Poisonings	110			cles, Railroad, Landslides, etc.)
TT T	HERARDS OF THE MEDITORS OVERDA	119	Acute Nephritis	176	Injuries by Animals
	DISEASES OF THE NERVOUS SYSTEM	121	Chyluria	177	Excessive Cold
A	ND OF THE ORGANS OF SPECIAL	122	Other Diseases of the Kidneys and	179	Effects of Heat
	SENSE.	107	Annexa 1	180	Lightning
60	Encephalitis	123 124	Calculi of the Urinary Passages Diseases of the Bladder	181	Electricity (Lightning Excepted)
61	Simple Meningitis	125	Diseases of the Urethra, Urinary	182	Homicide by Firearms
<b>Cla</b>	Cerebrospinal Fever 2		Abscess, etc.	100	struments
62	Locomotor Ataxia	126	Diseases of the Prostate	184	Homicide by other Means 1
<b>63</b> a	Other Diseases of the Spinal Cord	127	Nonvenereal Diseases of the Male Genital Organs	185	Fractures (Cause not Specified)
64	Cerebral Haemorrhage, Apoplexy 5	128	Uterine Haemorrhage (nonpuerperal,	186	Other External Violence
65	Softening of Brain	129	Uterine Tumor (noncancerous)		XIV—ILL DEFINED DISEASES.
66	Paralysis Without Specified Cause	130	Other Diseases of the Uterus	187	Ill Defined Organic Disease
67 68	General Paralysis of the Insane 1 Other Forms of Mental Alianation	131	Cysts and other Tumors of the Ovary Salpingitis and other Diseases of the	188	Sudden Death
69	Epilepsy	102	Female Genital Organs	189	Cause of Death not Specified or Ill-defined 1
70	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast		
71	Convulsions of Infants	•	(Cancer Excepted)	T	TOTAL DEATHS 161

#### Oak Grove 23 North Burial Ground ......10 City Hospital 11 St. John's ..... 2 Union Hospital 6 St. Mary's ..... 3 Under 1 day ...... 4 St. Anne's Hospital 2 St. Patrick's \_\_\_\_\_51 1-2 days ...... 6 Notre Dame\_\_\_\_\_60 Bay View Hospital ..... 3 St. Mary's (Polish) ..... 2-3 days ..... 1 Highland Rd. Hospital 0 Jesus Marie Convent Tomb ..... 3 days-Iweek ...... 3 Nwoo Hill \_\_\_\_\_ 3 Highland Hospital \_\_\_\_\_\_1 1-2 weeks ..... 2 Our Lady of Light \_\_\_\_\_\_2 2-3 weeks ...... 1 Agedas Aham 1 3 wks-1 month 4 Sent away for interment \_\_\_\_\_6 1-2 months ...... 5 Brought here for interment \_\_\_\_\_15 STILL BIRTHS 2-3 months ...... 2 3-6 months...... 9 SEX Males \_\_\_\_\_ 8 6-9 months ...... 4 Females \_\_\_\_\_ 5 Male \_\_\_\_\_\_ 76 Female ..... Unknown Total \_\_\_\_\_13 COLOR 2 years ...... 3 White \_\_\_\_\_161 Colored 5-9 years..... 6 NATIVITY CONDITION 10-14 years ...... 1 Married \_\_\_\_\_ 36 15-19 years ...... 3 Fall River 81 Single..... Widowed \_\_\_\_\_ 29 Massachusetts \_\_\_\_\_15 Divorced ..... Other States \_\_\_\_\_5 Unknown 30-34 years ...... 3 Ireland \_\_\_\_\_\_15 35-39 years ..... 8 There were 185 cases of contagious diseases Canada \_\_\_\_\_17 40-44 years..... 4 1 reported for Nov. viz: England \_\_\_\_\_16 45-49 years...... 4 2 Diphtheria \_\_\_\_\_26 Scarlet Fever 3 50-54 years.... 6 2 Scotland \_\_\_\_\_ 1 Typhoid Fever.....35 Italy. 1 Tuberculosis of Lungs 42 60-64 years ...... 7 Tuberculosis, Other Forms. Azores \_\_\_\_\_\_3 Whooping Cough 31 Poland 70-74 years...... 8 3 Measles \_\_\_\_\_4 German Measles \_\_\_\_\_4 Austria \_\_\_\_\_1 Ophthalmia Neonatorum ...... 8 80-84 years ...... 5 3 Germany 1 Suppurative Conjunctivitis \_\_\_\_\_ 3 85-89 years ...... 2 Russia Chicken Pox \_\_\_\_\_13 90-04 years..... 0 Nova Scotia Dysentery, Bacillary..... 95 99 years..... 0 Cerebro-Spinal Meningitis...... 3 China ..... Anterior Poliomyelitis..... Unknown Pneumonia, Lobar \_\_\_\_\_9 Unknown ...... 1 Munips...... 8 The following is the number of contagious diseases reported in each ward: DEATHS BY WARDS 1-52; 2-23; 3-15; 4-7; 5-27; 6-32; 7-7; 8-11; 9-11. 1 ..... 27 Estimating the population at 131,358, 161 deaths would give an annual 2 ..... 28 3 ..... death rate of 14.70 in 1,000. 4 ..... This is 21 more than last month and 11 more than the same month in 1916. 23 6 FRANK L. LARKIN, Secretary 7 23 SAMUEL B. MORRISS, Agent

HOSPITALS

CEMETERIES

DEATHS BY AGES

#### CONTAGIOUS HOSPITAL.

A long felt necessity has been provided for the citizens of Fall River in the establishment of a hospital where their children, dependants and themselves, can be taken for isolation and treatment in case of illness with any of the communicable diseases.

In making this announcement, after fifteen years of anxious anticipation, it is gratifying and encouraging to the Board of Health to be able to say that the alterations and renovations made, and the equipment installed in the annex to the old City Home meet with our unqualified approval. The ward rooms are cheery, roomy, well lighted and ventilated, and arrangements for the isolation and segregation of the various diseases and the sexes, are sufficient to meet all reasonable contingencies. The site of the hospital is ideal. The land is high and dry, the grounds are spacious and the building surrounded by shade trees. It is sufficiently removed from all residences and yet within easy access of all points of the city by trolley.

No expense has been spared in providing for the personal comfort of patients and the facilities for their care and treatment are equal to that of any hospital or private home in Bristol County.

The hygienic and economic advantages to be gained by having a place to which the Board of Health can unhesitatingly recommend, and if occasion requires compel, the removal of patients for observation, isolation and treatment in the interest of the public health cannot be overestinated. Persons suspected of any disease may be sent to this hospital for observation with safety. Observation rooms properly isolated are maintained for this purpose where a patient will be cared for until a diagnosis is made or he is discharged and returned home.

Rooms are in course of preparation where private patients may be attended by their family physician and nurse if they so desire.

With the forgoing objects in view the following regulation was adopted and promulgated by the Board of Health at a meeting held November 27, 1917.

# REGULATION CONTAGIOUS DISEASES.

"No person ill with a contagious disease will be permitted to be cared for at home, unless conditions are such, as, in the opinion of the Board of Health, to promote recovery of the patient and not be a menace of contagion to others.

Whenever so ordered by the Agent of the Board, the family shall arrange for the removal of the patient to any hospital approved by the Board and in case of refusal or neglect to do so, the patient will be taken to the proper department of the City Hospitals by the Board of Health." The main purpose of this regulation is to give the patient the best possible care and chance for recovery and to protect the other members of the family, residents of the house and the public against the spread of the disease and possibly an epidemic. Another most important consideration is a desire to remove the necessity of placing the family and of all other families in the house under quarantine with the attendant hardship of preventing many of the wage earners continuing at work; perhaps more important still is the enforced exclusion from school of all children of school age in houses under quarantine many times depriving these children of an opportunity they may never enjoy again.

# MINIMUM CONDITIONS Under Which a Patient May Be Cared for at Home.

No patient will be sent to a hospital until the diagnosis of the reporting physician is confirmed by either a bacteriological examination of a specimen or by a diagnostician of the Board of Health, except that a person having been reported as suffering with infantile paralysis may be sent to a hospital for observation upon the advice of the diagnostician when he is unable to make a diagnosis.

In every case there must be reasonably good sanitary conditions with proper plumbing and drainage systems and a water closet or privy rould for the exclusive use of the family and a separate room for the patient with a nurse or other attendant who shall do no other house work particularly the handling of food or cooking for other than themselves or the patient. The screening of all doors windows in the tenement or flat, occupied by the family of the patient, in fly time, is required, except that if the patient occupies a room in the attic, then the screening of the windows and doors to such attic room, only, will be required. When a privy takes the place of a water closet such privy and vault must be properly constructed and screened against flies.

No person except the nurse or attendent and the physician may enter the room occupied by the patient, unless in a case of emergency.

#### PHYSICIANS.

All physicians will recognize the objects and necessity for these rules and the wisdom of complying with them, and the Board of Health, recognizing the influence of the family physician, most cordially asks for the cooperation of all medical practitioners in advising the removal of patients to the hospital when they are satisfied home conditions are not up to the standard required, or such as to warrant the best results.



Hall River, Mass.

## MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

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VOL. I. JANUARY 1918 NO.1

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	* GENERAL DIGEAGES				WIL THE DIEDDED AT COATE
	I-GENERAL DISEASES.	72			VII—THE PUERPERAL STATE.
1	Typhoid Fever 1	73		134	Accidents of Pregnancy
2.	Typhus Fever	74	Other Diseases of Nervous System	135	Puerperal Haemorrhage 1
3	Relapsing Fever	75	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor
1	Malaria	76		137	Puerperal Septicæmia 1
5		1		138	Puerperal Albuminuria and Convulsions
5	Smallpox	III-	-DISEASES OF THE CIRCULATORY	139	Puerperal Phlegmasia Alba Dolens, em-
6	Measles		SYSTEM.		bolus, Sudden Death
7	Scarlet Fever	77	Pericarditis	140	Following Childbirth (not otherwise de-
8	Whooping Cough	78	Acute Endocarditis 1	1 10	fined)
9	Diphtheria and Croup 5	79	Organic Diseases of Heart	141	Puerperal Diseases of the Breast
10	Influenza			141	I derpetal Diseases of the Dieast
11	Military Fever	80	Angina Pectoris	VIII-	-DISEASES OF THE SKIN AND OF
12	Asiatic Cholera	81	Diseases of the Arteries, Atheroma,		THE CELLULAR TISSUE.
13	Cholera Nostras	00	Aneurysm, etc	140	
14	Dysentery	82	Embolism and Thrombosis 1	142	Gangrene
15	Plague	83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle
16	Yellow Fever		phlebitis, etc)	144	Acute Abscess
17	Leprosy	84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa
18	Erysipelas		gitis, etc.	IX—1	DISEASES OF THE BONES AND OF
19	Other Epidemic Diseases	85	Haemorrhage; Other Diseases of the	1	
20	Purulent Infection and Septicæmia		Circulatory System	,	THE ORGANS OF LOCOMOTION.
	Glanders	1		146	Diseases of the Bones (Tuberculosis
21	Anthrax	IV-	-DISEASES OF THE RESPIRATORY		Excepted) 1
22	Rabies		SYSTEM.	147	Diseases of the Joints (Tuberculosis and
23	Tetanus	9.0	Diseases of Nasal Fossae		Rheumatism Excepted)
24	Mycoses	86	Diseases of Larynx 1	148	Amputations
25		87	Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-
26	Pellagra	88		170	motion
27	Beriberi	89	Acute Bronchitis 1		ALOUIUI
28	Tuberculosis of the Lungs11	90	Chronic Bronchitis		X-MALFORMATIONS.
29	Acute Miliary Tuberculosis	91	Bronchopneumonia	150	Congenital Malformation (Still births
30	Tuberculous Meningitis	92	Pheumonia 6		not Included)
31	Abdominal Tuberculosis	93	Pleurisy 1		not included j
32	Pott's Disease	94	Pulmonary Congestion, Pulmonary	XI	-DISEASES OF EARLY INFANCY.
33	White Swellings		Apoplexy 2		
34	Tuberculosis of other Organs 1	95	Gangrene of the Lung	151	Congenital Debility Icterus and Sclerema 2
35	Disseminated Tuberculosis	96	Asthma	В	Premature Birth 12
36	Rickets	97	Pulmonary Emphysema	b	Congenital Debility
37	Syphilis 3	98	Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy
38	Gonococcus Infection		(Tuberculosis Excepted)	153	Lack of Care
39	Cancer and other Malignant Tumors of	7.7	DICEACES OF THE DIGESTIVE SVS		XII-OLD AGE.
	the Buccal Cavity 1	V-	-DISEASES OF THE DIGESTIVE SYS-	4-4	
40	Cancer and other Malignant Tumors of		TEM.	154	Senility
	the Stomach, Liver 5	99	Diseases of the Mouth and Annexa		VIII EVTEDNAL CAHORO
41	Cancer and other Malignant Tumors of	100	Diseases of the Pharynx		XIII-EXTERNAL CAUSES.
**	the Peritoneum, Intestines, Rectum 2	101	Diseases of the Oesophagus	155	Suicide by Poison
42	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	156	Suicide by Asphyxia 2
72	the Female Genital Organs 3	103	Other Diseases of the Stomach (Cancer	157	Suicide by Hanging or Strangulation
A 2	Cancer and other Malignant Tumors of	100	Excepted)	158	Suicide by Drowning
43	the breast	104	Diarrhoea and Enteritis (under 2 years)10	159	Suicide by Firearms
4.4	Cancer and other Malignant Tumors of	105	Diarrhoea and Enteritis (2 years and over) 1	160	Suicide by Cutting or Piercing Instru-
44	the skin	106	Ankylostomiasis	100	ments
	Cancer and other Malignant Tumors of	107		161	Sucide by Jumping from a High Place
45			Intestinal Parasites		Suicide by Crushing
45	other organs and of organs not	108	Appendicitis and Typhlitis1	162	Suicide by Crushing.
	other organs and of organs not specified 2	108 109	Appendicitis and Typhlitis	162 163	Other Suicides
45	other organs and of organs not specified	108 109 110	Appendicitis and Typhlitis	162 163 164	Other Suicides Poisoning by Food
46	other organs and of organs not specified	108 109 110 111	Appendicitis and Typhlitis	162 163 164 165	Other Suicides Poisoning by Food Other Acute Poisonings
46 47	other organs and of organs not specified	108 109 110 111 112	Appendicitis and Typhlitis	162 163 164 165 166	Other Suicides Poisoning by Food Other Acute Poisonings Conflagration
46 47 48	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted)	108 109 110 111 112 113	Appendicitis and Typhlitis	162 163 164 165 166 167	Other Suicides Poisoning by Food Other Acute Poisonings Conflagration
46 47 48 49	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted)	108 109 110 111 112 113 114	Appendicitis and Typhlitis	162 163 164 165 166	Other Suicides Poisoning by Food Other Acute Poisonings
46 47 48 49 50	other organs and of organs not specified	108 109 110 111 112 113 114 115	Appendicitis and Typhlitis	162 163 164 165 166 167 168	Other Suicides Poisoning by Food Other Acute Poisonings Conflagration
46 47 48 49 50 51	other organs and of organs not specified	108 109 110 111 112 113 114 115 116	Appendicitis and Typhlitis	162 163 164 165 166 167 168	Other Suicides Poisoning by Food Other Acute Poisonings Conflagration
46 47 48 49 50 51 52	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted) Acute Articular Rheumatism	108 109 110 111 112 113 114 115 116 117	Appendicitis and Typhlitis 1 Hernia, Intestinal Obstructions 1 Other Diseases of the Intestines 1 Acute Vellow Atrophy of the Liver 1 Hydatid Tumor of the Liver 1 Cirrhosis of the Liver 1 Biliary Calculi 1 Other Diseases of the Liver 1 Diseases of the Spleen 1 Simple Peritonitis (nonpuerperal)	162 163 164 165 166 167 168	Other Suicides Poisoning by Food Other Acute Poisonings Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) 4 Accidental Drowning Traumatism by Firearms
46 47 48 49 50 51 52 53	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted) Acute Articular Rheumatism Chronic Rheumatism and Gout Scurvy Diabetes	108 109 110 111 112 113 114 115 116	Appendicitis and Typhlitis	162 163 164 165 166 167 168	Other Suicides Poisoning by Food Other Acute Poisonings Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) 4 Accidental Drowning Traumatism by Firearms. Traumatism by Cutting or Piercing In-
46 47 48 49 50 51 52 53 54	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted)	108 109 110 111 112 113 114 115 116 117	Appendicitis and Typhlitis 1 Hernia, Intestinal Obstructions 1 Other Diseases of the Intestines 1 Acute Vellow Atrophy of the Liver 1 Hydatid Tumor of the Liver 1 Cirrhosis of the Liver 1 Biliary Calculi 1 Other Diseases of the Liver 1 Diseases of the Spleen 1 Simple Peritonitis (nonpuerperal)	162 163 164 165 166 167 168 169 170 171	Other Suicides. Poisoning by Food Other Acute Poisonings. Conflagration.  Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted).  Accidental Drowning. Traumatism by Firearms. Traumatism by Cutting or Piercing Instruments.
46 47 48 49 50 51 52 53 54 55	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted)	108 109 110 111 112 113 114 115 116 117	Appendicitis and Typhlitis 1 Hernia, Intestinal Obstructions 1 Other Diseases of the Intestines 1 Acute Yellow Atrophy of the Liver 1 Hydatid Tumor of the Liver 1 Biliary Calculi 1 Other Diseases of the Liver 1 Diseases of the Spleen 1 Simple Peritonitis (nonpuerperal) 1 Other Diseases of the Digestive System 1 Cancer and Tuberculosis Excepted	162 163 164 165 166 167 168 169 170 171	Other Suicides Poisoning by Food Other Acute Poisonings
46 47 48 49 50 51 52 53 54 55	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted) Acute Articular Rheumatism	108 109 110 111 112 113 114 115 116 117	Appendicitis and Typhlitis 1 Hernia, Intestinal Obstructions 1 Other Diseases of the Intestines 1 Acute Yellow Atrophy of the Liver 1 Hydatid Tumor of the Liver 1 Cirrhosis of the Liver 1 Biliary Calculi 1 Other Diseases of the Liver 1 Diseases of the Spleen 1 Simple Peritonitis (nonpuerperal) 1 Other Diseases of the Digestive System 1 Cancer and Tuberculosis Excepted 1 NONVENEREAL DISEASES OF THE	162 163 164 165 166 167 168 169 170 171	Other Suicides Poisoning by Food Other Acute Poisonings
46 47 48 49 50 51 52 53 54 55 56 57	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted). Acute Articular Rheumatism	108 109 110 111 112 113 114 115 116 117	Appendicitis and Typhlitis 1 Hernia, Intestinal Obstructions 1 Other Diseases of the Intestines 1 Acute Yellow Atrophy of the Liver 1 Hydatid Tumor of the Liver 1 Biliary Calculi 1 Other Diseases of the Liver 1 Diseases of the Spleen 1 Simple Peritonitis (nonpuerperal) 1 Other Diseases of the Digestive System 1 Cancer and Tuberculosis Excepted	162 163 164 165 166 167 168 169 170 171 172 173 174	Other Suicides Poisoning by Food Other Acute Poisonings Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) 4 Accidental Drowning Traumatism by Firearms Traumatism by Firearms Traumatism by Full Traumatism by Fall Traumatism by Machines
46 47 48 49 50 51 52 53 54 55 56 57 58	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted)	108 109 110 111 112 113 114 115 116 117	Appendicitis and Typhlitis 1 Hernia, Intestinal Obstructions 1 Other Diseases of the Intestines 1 Acute Yellow Atrophy of the Liver 1 Hydatid Tumor of the Liver 1 Cirrhosis of the Liver 1 Biliary Calculi 1 Other Diseases of the Liver 1 Diseases of the Spleen 1 Simple Peritonitis (nonpuerperal) 1 Other Diseases of the Digestive System 1 Cancer and Tuberculosis Excepted 1 NONVENEREAL DISEASES OF THE	162 163 164 165 166 167 168 169 170 171	Other Suicides Poisoning by Food Other Acute Poisonings Conflagration
46 47 48 49 50 51 52 53 54 55 56 57	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted). Acute Articular Rheumatism	108 109 110 111 112 113 114 115 116 117 118	Appendicitis and Typhlitis 1 Hernia, Intestinal Obstructions 1 Other Diseases of the Intestines 1 Acute Yellow Atrophy of the Liver. 1 Hydatid Tumor of the Liver. 2 Biliary Calculi 1 Other Diseases of the Liver. 1 Diseases of the Spleen 1 Simple Peritonitis (nonpuerperal) 1 Other Diseases of the Digestive System 1 Cancer and Tuberculosis Excepted 1 NONVENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND ANNEXA.	162 163 164 165 166 167 168 169 170 171 172 173 174 175	Other Suicides. Poisoning by Food Other Acute Poisonings. Conflagration.  Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted).  Accidental Drowning. Traumatism by Firearms. Traumatism by Cutting or Piercing Instruments. Traumatism by Fall. Traumatism by Machines. Traumatism by Machines. Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.).
46 47 48 49 50 51 52 53 54 55 56 57 58 59	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted)	108 109 110 111 112 113 114 115 116 117 118 VI-	Appendicitis and Typhlitis 1 Hernia, Intestinal Obstructions 1 Other Diseases of the Intestines 1 Acute Vellow Atrophy of the Liver 1 Hydatid Tumor of the Liver 1 Cirrhosis of the Liver 1 Biliary Calcul 1 Other Diseases of the Liver 1 Diseases of the Spleen 1 Simple Peritonitis (nonpuerperal) 1 Other Diseases of the Digestive System 1 Cancer and Tuberculosis Excepted 1 NONVENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND 1 ANNEXA. 1	162 163 164 165 166 167 168 169 170 171 172 173 174 175	Other Suicides Poisoning by Food Other Acute Poisonings Conflagration
46 47 48 49 50 51 52 53 54 55 56 57 58 59	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted)	108 109 110 111 112 113 114 115 116 117 118 VI-	Appendicitis and Typhlitis 1 Hernia, Intestinal Obstructions 1 Other Diseases of the Intestines 1 Acute Vellow Atrophy of the Liver 1 Hydatid Tumor of the Liver 1 Cirrhosis of the Liver 1 Biliary Calcul 1 Other Diseases of the Liver 1 Diseases of the Spleen 1 Simple Peritonitis (nonpuerperal) 1 Other Diseases of the Digestive System 1 Cancer and Tuberculosis Excepted 1 NONVENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND 1 ANNEXA. 1 Acute Nephritis 1 Bright's Disease 5	162 163 164 165 166 167 168 169 170 171 172 173 174 175	Other Suicides Poisoning by Food Other Acute Poisonings Conflagration Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Cutting or Piercing Instruments Traumatism by Fall Traumatism by Fall Traumatism by Machines Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.) Injuries by Animals Starvation
46 47 48 49 50 51 52 53 54 55 56 57 58 59	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted)	108 109 110 111 112 113 114 115 116 117 118 VI-	Appendicitis and Typhlitis 1 Hernia, Intestinal Obstructions 1 Other Diseases of the Intestines 1 Acute Yellow Atrophy of the Liver 1 Hydatid Tumor of the Liver 1 Biliary Calculi 1 Other Diseases of the Liver 1 Diseases of the Spleen 1 Simple Peritonitis (nonpuerperal) 1 Other Diseases of the Digestive System Cancer and Tuberculosis Excepted 1 NONVENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND ANNEXA.  Acute Nephritis 1 Bright's Disease 5 Chyluria 5	162 163 164 165 166 167 168 169 170 171 172 173 174 175	Other Suicides Poisoning by Food Other Acute Poisonings Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) 4 Accidental Drowning Traumatism by Firearms. Traumatism by Furearms. Traumatism by Fall Traumatism by Fall Traumatism by Machines Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.) Injuries by Animals Starvation Excessive Cold Excessive Cold
46 47 48 49 50 51 52 53 54 55 56 57 58 59	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted)	108 109 110 111 112 113 114 115 116 117 118 VI-	Appendicitis and Typhlitis 1 Hernia, Intestinal Obstructions 1 Other Diseases of the Intestines 1 Acute Yellow Atrophy of the Liver 1 Hydatid Tumor of the Liver 1 Biliary Calculi 1 Other Diseases of the Liver 1 Diseases of the Spleen 1 Simple Peritonitis (nonpuerperal) 1 Other Diseases of the Digestive System 1 Cancer and Tuberculosis Excepted 1 NONVENEREAL DISEASES OF THE 1 GENITO-URINARY SYSTEM AND 1 ANNEXA. 1 Bright's Disease 5 Chyluria 5 Chyluria 5 Other Diseases of the Kidneys and	162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179	Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration.  Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted).  Accidental Drowning. Traumatism by Firearms. Traumatism by Cutting or Piercing Instruments. Traumatism by Fall. Traumatism by Fall. Traumatism by Machines. Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.). Injuries by Animals. Starvation. Excessive Cold. Effects of Heat.
46 47 48 49 50 51 52 53 54 55 56 57 58 59	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted)	108 109 110 111 112 113 114 115 116 117 118 VI-	Appendicitis and Typhlitis 1 Hernia, Intestinal Obstructions 1 Other Diseases of the Intestines 1 Acute Vellow Atrophy of the Liver 1 Hydatid Tumor of the Liver 1 Biliary Calculi 1 Other Diseases of the Liver 1 Diseases of the Spleen 1 Simple Peritonitis (nonpuerperal) 1 Other Diseases of the Digestive System 1 Cancer and Tuberculosis Excepted 1 NONVENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND 1 ANNEXA.  Acute Nephritis 1 Bright's Disease 5 Chyluria 1 Other Diseases of the Kidneys and 1 Annexa 1	162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180	Other Suicides. Poisoning by Food Other Acute Poisonings. Conflagration.  Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted).  Accidental Drowning. Traumatism by Firearms. Traumatism by Cutting or Piercing Instruments Traumatism by Fall. Traumatism by Machines. Traumatism by Machines. Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.). Injuries by Animals. Starvation. Excessive Cold. Effects of Heat. Lightning.
46 47 48 49 50 51 52 53 54 55 56 57 58 59 II—I	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted) Acute Articular Rheumatism	108 109 110 111 112 113 114 115 116 117 118 VI-	Appendicitis and Typhlitis 1 Hernia, Intestinal Obstructions 1 Other Diseases of the Intestines 1 Acute Vellow Atrophy of the Liver 1 Hydatid Tumor of the Liver 1 Biliary Calculi 1 Other Diseases of the Liver 1 Diseases of the Spleen 1 Simple Peritonitis (nonpuerperal) 1 Other Diseases of the Digestive System 1 Cancer and Tuberculosis Excepted 1 NONVENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND ANNEXA.  Acute Nephritis 1 Bright's Disease 5 Chyluria 1 Other Diseases of the Kidneys and Annexa 1 Calculi of the Urinary Passages	162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181	Other Suicides Poisoning by Food Other Acute Poisonings Conflagration
46 47 48 49 50 51 52 53 54 55 56 57 58 59 II—II	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted)	108 109 110 111 112 113 114 115 116 117 118 VI- 119 120 121 122	Appendicitis and Typhlitis 1 Hernia, Intestinal Obstructions 1 Other Diseases of the Intestines 1 Acute Vellow Atrophy of the Liver 1 Hydatid Tumor of the Liver 1 Biliary Calculi 1 Other Diseases of the Liver 1 Diseases of the Spleen 1 Simple Peritonitis (nonpuerperal) 1 Other Diseases of the Digestive System 1 Cancer and Tuberculosis Excepted 1 NONVENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND ANNEXA.  Acute Nephritis 1 Bright's Disease 5 Chyluria 1 Other Diseases of the Kidneys and Annexa 1 Calculi of the Urinary Passages 1 Diseases of the Bladder 1	162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182	Other Suicides Poisoning by Food Other Acute Poisonings Conflagration Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Firearms Traumatism by Fall Traumatism by Fall Traumatism by Machines Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.) Injuries by Animals Starvation Excessive Cold Effects of Heat Lightning Electricity (Lightning Excepted) Homicide by Firearms
46 47 48 49 50 51 52 53 54 55 56 57 58 59 II—I	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted)	108 109 110 111 112 113 114 115 116 117 118 VI-	Appendicitis and Typhlitis	162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181	Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration.  Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted).  Accidental Drowning. Traumatism by Firearms. Traumatism by Full. Traumatism by Fall. Traumatism by Fall. Traumatism by Machines. Traumatism by Machines. Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.). Injuries by Animals. Starvation. Excessive Cold. Effects of Heat. Lightning. Electricity (Lightning Excepted). Homicide by Firearms. Homicide by Cutting or Piercing In-
46 47 48 49 50 51 52 53 54 55 56 57 58 59 II—I AI	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted)	108 109 110 111 112 113 114 115 116 117 118 VI-	Appendicitis and Typhlitis 1 Hernia, Intestinal Obstructions 1 Other Diseases of the Intestines 1 Acute Vellow Atrophy of the Liver. 1 Hydatid Tumor of the Liver. 2 Biliary Calculi 1 Other Diseases of the Liver. 1 Diseases of the Spleen 2 Simple Peritonitis (nonpuerperal) 1 Other Diseases of the Digestive System 1 Cancer and Tuberculosis Excepted 2 NONVENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND 4 ANNEXA. 3 Acute Nephritis 1 Bright's Disease 5 Chyluria 1 Other Diseases of the Kidneys and 4 Annexa 5 Calculi of the Urinary Passages 1 Diseases of the Bladder 1 Diseases of the Urethra, Urinary Abscess, etc.	162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183	Other Suicides. Poisoning by Food Other Acute Poisonings. Conflagration Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted).  Accidental Drowning. Traumatism by Firearms Traumatism by Cutting or Piercing Instruments Traumatism by Fall. Traumatism by Fall. Traumatism by Machines. Traumatism by Machines. Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.). Injuries by Animals. Starvation Excessive Cold. Effects of Heat. Lightning. Electricity (Lightning Excepted). Homicide by Firearms Homicide by Cutting or Piercing Instruments.
46 47 48 49 50 51 52 53 54 55 56 57 58 59 II—II AI	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted) Acute Articular Rheumatism	108 109 110 111 112 113 114 115 116 117 118 VI- 119 120 121 122 123 124 125	Appendicitis and Typhlitis 1 Hernia, Intestinal Obstructions 1 Other Diseases of the Intestines 1 Acute Vellow Atrophy of the Liver. 1 Hydatid Tumor of the Liver. 2 Biliary Calculi 1 Other Diseases of the Liver. 1 Diseases of the Spleen 2 Simple Peritonitis (nonpuerperal) 1 Other Diseases of the Digestive System 1 Cancer and Tuberculosis Excepted 2 NONVENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND 4 ANNEXA. 3 Acute Nephritis 1 Bright's Disease 5 Chyluria 1 Other Diseases of the Kidneys and 4 Annexa 5 Calculi of the Urinary Passages 1 Diseases of the Bladder 1 Diseases of the Urethra, Urinary 4 Abscess, etc. 1	162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 180 181 182 183	Other Suicides. Poisoning by Food Other Acute Poisonings. Conflagration.  Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted).  Accidental Drowning. Traumatism by Firearms. Traumatism by Cutting or Piercing Instruments Traumatism by Fall. Traumatism by Machines. Traumatism by Machines. Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.). Injuries by Animals. Starvation. Excessive Cold. Effects of Heat. Lightning. Electricity (Lightning Excepted). Homicide by Firearms. Homicide by Cutting or Piercing Instruments. Homicide by other Means.
46 47 48 49 50 51 52 53 54 55 56 57 58 59 II—I AI 60 61 61 62 63 62 63 63	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted) Acute Articular Rheumatism	108 109 110 111 112 113 114 115 116 117 118 VI-	Appendicitis and Typhlitis 1 Hernia, Intestinal Obstructions 1 Other Diseases of the Intestines 1 Acute Vellow Atrophy of the Liver 1 Hydatid Tumor of the Liver 1 Biliary Calcul 1 Other Diseases of the Liver 1 Diseases of the Spleen 1 Simple Peritonitis (nonpuerperal) 1 Other Diseases of the Digestive System 1 Cancer and Tuberculosis Excepted 1 NONVENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND 1 ANNEXA. 1 Acute Nephritis 1 Bright's Disease 5 Chyluria 1 Other Diseases of the Kidneys and 1 Annexa 1 Calculi of the Urinary Passages 1 Diseases of the Bladder 1 Diseases of the Vrethra, Urinary 1 Abscess, etc. 1 Nonvenereal Diseases of the Male Geni-	162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183	Other Suicides Poisoning by Food Other Acute Poisonings Conflagration
46 47 48 49 50 51 52 53 54 55 56 57 58 59 II—II AI	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted)	108 109 110 111 112 113 114 115 116 117 118 VI- 119 120 121 122 123 124 125	Appendicitis and Typhlitis	162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 180 181 182 183	Other Suicides. Poisoning by Food Other Acute Poisonings. Conflagration.  Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted).  Accidental Drowning. Traumatism by Firearms. Traumatism by Cutting or Piercing Instruments Traumatism by Fall. Traumatism by Machines. Traumatism by Machines. Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.). Injuries by Animals. Starvation. Excessive Cold. Effects of Heat. Lightning. Electricity (Lightning Excepted). Homicide by Firearms. Homicide by Cutting or Piercing Instruments. Homicide by other Means.
46 47 48 49 50 51 52 53 54 55 56 57 58 59 II—I AI 60 61 61 62 63 64	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted)	108 109 110 111 112 113 114 115 116 117 118 VI- 120 121 122 123 124 125 126 127	Appendicitis and Typhlitis 1 Hernia, Intestinal Obstructions 1 Other Diseases of the Intestines 1 Acute Yellow Atrophy of the Liver. 1 Hydatid Tumor of the Liver. 2 Biliary Calculi 1 Other Diseases of the Liver. 1 Diseases of the Spleen 2 Simple Peritonitis (nonpuerperal) 2 Other Diseases of the Digestive System 2 Cancer and Tuberculosis Excepted 2 NONVENEREAL DISEASES OF THE 3 GENITO-URINARY SYSTEM AND 4 ANNEXA. 3 Acute Nephritis 1 Bright's Disease 5 Chyluria 0 Other Diseases of the Kidneys and 4 Annexa 5 Calculi of the Urinary Passages 5 Diseases of the Bladder 1 Diseases of the Urethra, Urinary 4 Abscess, etc. 1 Nonvenereal Diseases of the Male Genital Organs 1 Uterine Haemorrhage (nonpuerperal) 1	162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183	Other Suicides. Poisoning by Food Other Acute Poisonings. Conflagration
46 47 48 49 50 51 52 53 54 55 56 57 58 59 II—II AI 60 61 61 62 63 64 65	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted) Acute Articular Rheumatism	108 109 110 111 112 113 114 115 116 117 118 VI- 120 121 122 123 124 125 126 127	Appendicitis and Typhlitis	162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184	Other Suicides. Poisoning by Food Other Acute Poisonings. Conflagration
46 47 48 49 50 51 52 53 54 55 56 57 58 59 II—II AI 60 61 61 62 63 64 64 65 66	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted). Acute Articular Rheumatism	108 109 110 111 112 113 114 115 116 117 118 VI- 120 121 122 123 124 125 126 127	Appendicitis and Typhlitis	162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183	Other Suicides. Poisoning by Food Other Acute Poisonings. Conflagration. 1 Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). 4 Accidental Drowning. Traumatism by Firearms. Traumatism by Cutting or Piercing Instruments Traumatism by Fall. Traumatism by Machines. Traumatism by Machines. Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.). Injuries by Animals. Starvation Excessive Cold. Effects of Heat. Lightning. Electricity (Lightning Excepted). Homicide by Firearms. Homicide by Cutting or Piercing Instruments Homicide by other Means. Fractures (Cause not Specified). Other External Violence.  XIV—ILL DEFINED DISEASES. Ill Defined Organic Disease
46 47 48 49 50 51 52 53 54 55 56 57 58 59 II—II AI 60 61 61 62 63 64 65	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted)	108 109 110 111 112 113 114 115 116 117 118 VI- 120 121 122 123 124 125 126 127	Appendicitis and Typhlitis	162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 180 181 182 183 184 185 186	Other Suicides Poisoning by Food Other Acute Poisonings Conflagration
46 47 48 49 50 51 52 53 54 55 56 57 58 59 II—I 60 61 61 62 63 64 65 66 67 68	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted)	108 109 110 111 112 113 114 115 116 117 118 VI- 120 121 122 123 124 125 126 127	Appendicitis and Typhlitis	162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183	Other Suicides. Poisoning by Food Other Acute Poisonings. Conflagration. 1 Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). 4 Accidental Drowning. Traumatism by Firearms. Traumatism by Cutting or Piercing Instruments Traumatism by Fall. Traumatism by Machines. Traumatism by Machines. Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.). Injuries by Animals. Starvation Excessive Cold. Effects of Heat. Lightning. Electricity (Lightning Excepted). Homicide by Firearms. Homicide by Cutting or Piercing Instruments Homicide by other Means. Fractures (Cause not Specified). Other External Violence.  XIV—ILL DEFINED DISEASES. Ill Defined Organic Disease
46 47 48 49 50 51 52 53 54 55 56 57 58 59 II—I AI 60 61 61 62 63 64 65 66 67	other organs and of organs not specified. 2 Other Tumors (Tumors of the female genital organs excepted)	108 109 110 111 112 113 114 115 116 117 118 VI- 120 121 122 123 124 125 126 127	Appendicitis and Typhlitis 1 Hernia, Intestinal Obstructions 1 Other Diseases of the Intestines 1 Acute Vellow Atrophy of the Liver 1 Hydatid Tumor of the Liver 1 Biliary Calculi 1 Other Diseases of the Liver 1 Diseases of the Spleen 1 Simple Peritonitis (nonpuerperal) 1 Other Diseases of the Digestive System 1 Cancer and Tuberculosis Excepted 1 NONVENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND 1 ANNEXA. 1 Acute Nephritis 1 Bright's Disease 5 Chyluria 1 Other Diseases of the Kidneys and 1 Annexa 2 Calculi of the Urinary Passages 1 Diseases of the Bladder 1 Diseases of the Urethra, Urinary 1 Abscess, etc. 1 Nonvenereal Diseases of the Male Genital Organs 1 Uterine Haemorrhage (nonpuerperal) 1 Uterine Tumor (noncancerous) 1 Other Diseases of the Uterus 1 Cysts and other Tumors of the Ovary 1	162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 180 181 182 183 184 185 186	Other Suicides Poisoning by Food Other Acute Poisonings Conflagration

#### DEATHS BY AGES

	Total	Males	Femal
Under 1 day	8	5	3
1-2 days	2	1	1
2-3 days	0	0	0
3 days-1 week	2	2	0
1-2 weeks	2	. 1	1
2-3 weeks	0	0	0
3 wks-1 month	1	0	1
1-2 months	6	2	4
2-3 months	2	1	1
3-6 months	7	4	3
6.9 months	1	0	1
9-12 months	6	3	3
1 year	10	6	4
2 years	2	1	1
3 years	0	0	0
4 years	2	1	1
5-9 years	2	2	0
10-14 years	0	0	0
15-19 years	1	0	1
20-24 years	2	0	2
25-29 years	5	2	3
30-34 years	1	1	0
35-39 years	7	3	4
40-44 years	. 7	2	5
45-49 years	6	4	2
50-54 years	6	4	2
55-59 years	9	4	5
60-64 years	7	4	3
65-69 years	15	11	4
70-74 years	14	10	4
75-79 years	3	1	2
80-84 years	1	0	1
85-89 years	. 2	1	1
90-94 years	. 1	0	1
95-99 years	. 1	0	1
10.)+	. 0	0	0
Unknown	. 0	0	0
Total	41	76	65

#### DEATHS BY WARDS

1	15
2	15
3	20
4	4
5	11
6	27
7	4
8	26
0	19

#### HOSPITALS

City Hospital13
Union Hospital 9
St. Anne's Hospital 1
Bay View Hospital 4
Contagious Hospital 1
Highland Hospital

#### STILL BIRTHS

Males	3
Females	7
Unknown	
Total 1	0.

#### NATIVITY

Fall River 57
Massachusetts 9
Other States 5
Ireland15
Canada18
England20
Scotland 1
Rumania2
Azores12
Australia 1
Austria1
Germany
Russia
Nova Scotia
China
Unknown

#### CEMETERIES

Oak Grove21
North Burial Ground10
St. John's 2
St. Mary's
St. Patrick's35
Notre Dame61
St. Mary's (Polish)
Jesus Marie Convent Tomb
Nwoo Hill1
Our Lady of Light 3
Agedas Aham
Sent away for interment 8
Brought here for interment30

#### SEX

Male	76
Female	65

#### COLOR

White.	€ 	141
Colored	ii	

#### CONDITION

Married	48
Single	59
Widowed	33
Divorced	
Unknown	1

Scarlet Fever 9
Typhoid Fever20
Tuberculosis of Lungs 34
Tuberculosis, Other Forms 2
Whooping Cough42
Measles
Septic Sore Throat 1
Ophthalmia Neonatorum12
Suppurative Conjunctivitis 2
Chicken Pox 27
Dysentery, Bacillary
Cerebro-Spinal Meningitis

 Anterior Poliomyelitis
 1

 Pneumonia, Lobar
 19

 Mumps
 30

 Pellagra
 1

The following is the number of contagious diseases reported in each ward:

1-40; 2-19; 3-19; 4-15; 5-24; 6-34; 7-5; 8-44; 9-19.

Estimating the population at 131,358, 141 deaths would give an annual death rate of 12.88 in 1,000.

This is 20 less than last month and 22 less than the same month in 1916.

FRANK L. LARKIN, Secretary

SAMUEL B. MORRISS, Agent

#### January 21, 1918.

#### PUBLIC HEALTH.

"Public Health is the foundation upon which rests the happiness of a people and the power of a country. The care of the Public Health then, is the first duty of a nation." (Earl Beaconfield.)

#### CONTAGIOUS HOSPITAL.

The new contagious hospital was opened for occupancy Nov. 22, 1917, and upon Nov. 27, the regulations of the Board of Health, requiring that persons suffering with a disease dangerous to the public

health and not having adequate facilities for treatment at home should be taken to a hospital for treatment, was enacted. It is a great pleasure to be able to say that the public have shown a most commendable disposition to comply with this regulation from the first. It is also desired to acknowledge the spirit of co-operation this Board has received from the medical practitioners throughout the city, and the good results obtained as may be judged from the following report of cases admitted to this hospital for the first month. Only one death out of 21 cases treated in the hospital as compared with one death out of every fifteen cases treated at home.

#### CONTAGIOUS HOSPITAL REPORT FOR DECEMBER, 1917

Patients admitted  Termination { Recovery Death	Anterior Poliomyelitis 1	Chicken Pox	Diphtheria	Measles	Mumps9	Scarlet Fever	Whooping • Cough •1	Total2120
1 ermination \ Death	****	****	1	*****	01000 40000	*****	******	1
	To	tal cases re	eported for m	onth of D	ecember			
Cases reported	1	27	16	3	30	9	42	128
Cases died	*****	•	5	*****	0: 003 ****		3	8
Cases recovered	1	27	11	3	30	9	39	120

#### NEEDLESS DEATHS.

Without the co-operation of the family it is impossible for the Health Department to save the lives of people or their children. We furnish all possible aid as to prophylaxis, diagnosis and treatment and yet we frequently find people who will persist in allowing themselves and their children to die, needlessly, unless we invoke the law and forcibly permit them to accept treatment.

Every month the Bulletin records needless deaths from diphtheria because the family relied upon their own diagnosis of the case as a cold or croup and trusted to the efficacy of some patent-medicine or advertised nostrum for a cure. The result was, the undertaker had to be engaged whereas if a physician had been called or the Board of Health notified the patient's life might have been saved and measures taken to protect the other members of the family and household.

Everyone should remember that croup and diphtheria are one and the same thing and that the only certain remedy is diphtheria-antitoxin. This is furnished without cost and physicians are urged to use it freely and promptly in cases of suspected diphtheria.

In pre-antitoxin days one person in every three who caught diphtheria died of it. Today of cases which receive antitoxin after the fourth day of the disease, about one in twelve is fatal, against one in fifty in cases treated with antitoxin on the first or second day.

It will thus appear an early diagnosis and prompt treatment are essential to a cure in diphtheria, and what is true of diphtheria is equally true in all other communicable diseases.

In all cases of suspected infantile paralysis, meningitis, diphtheria, croup, or sore throat, scarlet fever, typhoid fever or tuberculosis, call a physician immediately or notify the Board of Health, so that a diagnosis may be made and the recognized medical treatment be commenced.

Do not waste valuable time experimenting with patent medicine or other advertised "sure cures", which is only losing the best opportunity for successful treatment, but give the patient a chance for recovery.

#### NEW RULES ON REPORTING CASES.

The Surgeon General and State Commissioner of Health have notified us that on and after January 1, 1918, all communicable diseases reported must be accompanied with name, sex and age, and monthly reports must contain this data in five and ten year age groups, with termination as to death or recovery. Physicians can assist the Board of Health very much if in reporting cases they give the full name and age of the patient. The co-operation of physicians in this work is respectfully requested.



# Hall River, Mass.

### MONTHLY BULLETIN

-OF THE-

### BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

### VOL. I. FEBRUARY 1918 NO. 2

# Mortality for the Month of January, 1918.

After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.

4.	After the Bertillon Classificat	non o	t Causes of Deaths, Second International Dec	ennial	Kevision, Paris, 1909.
	I-GENERAL DISEASES.	72	Chorea		VII-THE PUERPERAL STATE.
1	Typhoid Fever 1	73	Neuralgia and Neuritis	134	Accidents of Pregnancy
2	Typhus Tevet	74	Other Diseases of Nervous System	135	Puerperal Haemorrhage
3	Relaysing Vever	75	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor
4	Malaria	76	Diseases of the Ears 1	137	Puerperal Septicæmia
5	Smalipox	TTY	-DISEASES OF THE CIRCULATORY	138	Puerperal Albuminuria and Convulsions
6	Measles	111-		139	Puerperal Phlegmasia Alba Dolens, em-
7	Scarlet Fever		SYSTEM.		bolus, Sudden Death
8	Whooping Cough 4	77	Pericarditis 1	140	Following Childbirth (not otherwise de-
9	Diphtheria and Croup 8	78	Acute Endocarditis 1		fined)
10	Influenza	79	Organic Diseases of Heart 20	141	Puerperal Diseases of the Breast
11	Military Fever	50	Augina Pectoris	VIII	-DISEASES OF THE SKIN AND OF
12	Asiatic Cholera	81	Diseases of the Arteries, Atheroma,		THE CELLULAR TISSUE.
13	Chelera Nostras	20	Aneurysm, etc	1.40	-
14	Dysentery	32	Embolism and Thrombosis	142	Gangrene
15	1' gue	83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle
16	Yellow lever	O A	phlebitis, etc)	145	Other Diseases of the Skin and Annexa.
17	lengosy	84	Diseases of Lymphatic System (Lymphan-		
18	Le sinclus	85	Haemorrhage; Other Diseases of the	IX-	DISEASES OF THE BONES AND OI
19	Other I: demo Liseases	00	Circulatory System	1 7	THE ORGANS OF LOCOMOTION.
20	Purulent Infection and Septicæmia 3		Treatment y try month in a minimum to	1.4.0	Discourse of the Dance (Tubercularie
21	Cilinders	IV-	-DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis
22	Acthrax		SYSTEM.	147	Excepted)
23	Rabies	00	Diseases of Nasal Fossae	147	Diseases of the Joints (Tuberculosis and Rheumatism Excepted)
24	Mycoses	86	Diseases of Larynx	148	Amputations
25		38	Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-
26 27	Pellagra	89	Acute Bronchitis		motion
28	Tuberculosis of the Lungs11	96	Chronic Bronchitis 1		
29	Acute Miliary Tuberculosis 1	91	Bronchopneumonia16		X-MALFORMATIONS.
30	Tuberculous Meningitis	92	Pneumonia 10	150	Congenital Malformation (Still births
31	And man at Tuberculosis.	93	Pleurisy		not Included)
32	Pott's Disease	94	Pulmonary Congestion, Pulmonary	VI	-DISEASES OF FARIY INFANCY
33	White Swellings 1		Apoplexy		-DISEASES OF EARLY INFANCY.
34	Tuberculosis of other Organs 1	95	Gangrene of the Lung	151	Congenital Debility Icterus and Sclerema
35	Disseminated Tuberculosis	96	Asthma	a	Premature Birth
36	Rickets	97	Pulmonary Emphysema	ь	Congenital Debility
37	Syphilis	93	Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy
38	Gonococcus Infection		(Tuberculosis Excepted)	153	Lack of Care
39	Cancer and other Malignant Tumors of	V-	-DISEASES OF THE DIGESTIVE SYS-		XII-OLD AGE.
	the Baccal Cavity		TEM.	154	Senility
40	Cancer and other Malignant Tumors of	0.0		101	
A 4	the Stomach, Liver 4	100	Diseases of the Mouth and Annexa		XIII -EXTERNAL CAUSES.
41	Cancer and other Malignant Tumors of	100	Diseases of the Oesophagus	155	
6.0	the Peritoneum, Intestines, Rectum 1	101	Diseases of the Oesophagus	155	Suicide by Poison
42	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	156 157	Suicide by Asphyxia.
12	the Female Genital Organs  Cancer and other Malignant Tumors of	100	Excepted)	158	Suicide by Hanging or Strangulation Suicide by Drowning
43	the breast	104	Diarrhoea and Enteritis (under 2 years)16	159	Suicide by Firearms
44	Cancer and other Malignant Tumors of	105	Diarrhoea and Enteritis (under 2 years)10	160	Suicide by Cutting or Piercing Instru-
7.1	the ski.	196	Ankylosiona sis	200	excits
45	Cancer and other Malignant Tumors of	197	Intestinal Parasites	161	Sucide by Jumping from a High Place
	other organs and of organs not	108	Appendicitis and Typhlitis 3	162	Suicide by Crushing.
	s,n ided	139	Hernia, Intestinal Obstructions 3	163	Other Suicides
46	Other Tumors (Tumors of the female	110	Other Diseases of the Intestines	164	Poisoning by Food
	article of as excepted	111	Acute Yellow Atrophy of the Liver	165	Other Acute Poisonings
47	Acute Articular Rheumatism	112	Hydatid Tumor of the Liver	166	Conflagration
48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	167	1 rs (Conflagration Excepted)
49	School and a second	114	Biliary Calculi 1	168	aprion of Deleterious Gases (Con-
50	Diabetes 2*	115	Other Diseases of the Liver	100	gration Excepted)
51	Exophthalmic Goitre	116	Diseases of the Spleen	169	atism by Firearms
52					A ISHI Dy FITERIMS
53 54	Leuchæmia 1	118	Other Diseases of the Digestive System Cancer and Tuberculosis Excepted	171	atism by Cutting or Piercing In-
55	Other General Diseases.		Canton and Laborearosis Excepted	172	tism by Fall.
56	Alcoholism (Acute or Chronic)	VI-	-NONVENEREAL DISEASES OF THE	175	un in Mines and Quarries
57	Chronic Lead Poisoning		GENITO-URINARY SYSTEM AND	171	by Machines
58	Other Chronic Occupation Poisonings		ANNEXA.		by other Crushing (Vehi-
39	Other Chronic Poisonings				Railroad, Landslides, etc.)
		119	Acute Nephritis	110	· justes by Animals
II-I	DISEASES OF THE NERVOUS SYSTEM	120	Bright's Disease	177	Starvation
ΔΊ	ND OF THE ORGANS OF SPECIAL	121	Other Diseases of the Vidneys and	178	Excessive Cold
Z L l		122	Other Diseases of the Kidneys and	179	Effects of Heat
	SENSE.	123	Annexa	180	Lightning
60	For all dilis	124	Diseases of the Bladder	181	Electricity (Lightning Excepted)
61	For all dilis	125	Diseases of the Urethra, Urmary	182	Homicide by Firearms
Sla	Cerebrospinal Fever 1	2.40	Abscess, etc.	183	Homicide by Cutting or Piercing In-
62	Locomotor Ataxia	126	Diseases of the Prostate	184	Homicide by other Means
63a	A. terior Polionivelatis	127	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)
5	Other Diseases of the Spinal Cord		tal Organs	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy	128	Uterine Haemorrhage (nonpuerperal)	200	
65	Softening of Brain 1	129	Uterine Tumor (noncancerous)		XIV-ILL DEFINED DISEASES.
56	Paralysis Without Specified Cause	130	Other Diseases of the Uterus	187	Ill Defined Organic Disease
67	General Paralysis of the Insane	131	Cysts and other Tumors of the Ovary	188	Sudden Death
68	Other Forms of Mental Alienation	132	Salpingitis and other Diseases of the	189	Cause of Death not Specified or Ill-defined
69	Convulsions (nonpuerporal)	133	Female Genital Organs		
70 71	Convulsions (nonpuerperal)	100	Nonpuerperal Diseases of the Breast (Cancer Excepted)		
* 1			Course was prody	Т	OTAL DEATHS 20

#### Females Under 1 day ...... 7 2-3 days ..... 0 3 days-1 week ...... 2 1-2 weeks .... 3 2-3 weeks ...... 2 3 wks-1 month..... 1 2-3 months ..... 7 3-6 months....... 16 1 year ...... 5 3 2 years ..... 6 3 years ..... () 4 years ...... 5-9 years..... (6 10-14 years 2 15-19 years...... 3 20-24 years ...... 4 1 25-29 years ....... 6 30-34 years ..... 2 2 35-39 years...... 8 4 40-44 years...... 9 4 45-49 years..... 6 55-59 years...... 6 3 60-64 years ...... 13 6 65-69 years......18 7 70-74 years.....17 8 75-79 years...... 9 80-84 years ..... 6 2 4 85-89 years...... 3 1 90-94 years..... 0 0 95-99 years ..... 0 100 +. .... 0 0 Unknown Total...... 202 99 103

DEATHS BY AGES

#### DEATHS BY WARDS

1	21
2	22
3	21
4	10
5	18
6	31
7	12
8	
0	

#### HOSPITALS

City Hospital 17
Union Hospital 13
St. Anne's Hospital 4
Bay View Hospital 2
Contagious Hospital 5
Highland Hospital2

#### STILL BIRTHS

Males	11	
Females	7	
Unknown		
Total	18	

#### NATIVITY

Fall River	97
Massachusetts	22
Other States	13
freland	19
Canada	1 7
England	28
Scotland	. 1
Rumania	
Azores	. 7
Australia	]
Poland	1
Germany.	
Russia	
Nova Scotia	
China	
Unknown	1

#### CEMETERIES

Oak Grove39	į
North Burial Ground 12	,
St. John's	
St. Mary's	
St. Patrick's	,
Notre Dame	
St. Mary's (Polish) 1	
Jesus Marie Convent Tomb	
Nwoo Hill	
Our Lady of Light	,
Agedas Aham	
Sent away for interment11	
Brought here for interment35	
	ı

#### SEX

Male	94
Female	():

#### COLOR

COHOR	
White	.202
Colored	

#### CONDITION

Married		. ]
Single	1	()
Widowed		- {
Divorced		
Unknown		

There were 183 cases of contagious diseases reported for Jan. viz:

Diphtheria	21
Scarlet Fever	
Typhoid Fever	. (
Tuberculosis of Lungs	.25
Tuberculosis, Other Forms	
Whooping Cough	
Measles	
Septic Sore Throat.	. 4
Ophthalmia Neonatorum	. 4
Suppurative Conjunctivitis	
Chicken Pox	.11
Dysentery, Bacillary	
Cerebro-Spinal Meningitis	
Anterior Poliomyelitis	

Pneumonia, Lobar ......34

Mumps.....24

Pellagra .....

The following is the number of contagious diseases reported in each ward:

1-40; 2-14; 3-19; 4-21; 5-8; 6-28; 7-2; 8-31; 9-20.

Estimating the population at 131,358, 202 deaths would give an annual death rate of 18.45 in 1,000.

This is 61 more than last month and 24 less than the same month in 1917.

FRANK L. LARKIN, Secretary

SAMUEL B. MORRISS, Agent

#### MILK AND COMMUNICABLE DISEASES

Although milk is perhaps the cheapest of food products, even at present prices, and is an absolutely essential food for the growing infant and is valuable for all, nevertheless, it has certain dangers if proper care is not used for the following reasons as stated by Professor Milton J. Rosenau of Harvard University, one of the world's formost Public Health administrators.

"(1) Bacteria grow well iu milk; therefore a very slight infection may produce widespread and serious results; (2) of all foodstuffs milk is the most difficult to obtain, handle, transport, and deliver in a clean, fresh, and satisfactory condition; (3) it is the most readily decomposable of all our foods; (4) finally, milk is the only standard article of diet obtained from animal sources consumed in its raw state." (Preventive Medicine and Hygiene, 1916.)

Professor Rosenau's statement is based upon years of patient investigation by hundreds of public health workers all over the world. As a consequence of this serious indictment of our most valuable food, it has become one of the most important duties of the Health Department to supervise the production, handling and sale of milk. This supervision is aimed to secure both clean and safe milk for all our citizens.

The following diseases may be spread by milk:— Typhoid Fever, Scarlet Fever, Diphtheria, Tuberculosis, and Septic sore throat. The United States government has on record 317 epidemics of Typhoid fever which have been traced to milk and about 100 epidemics of Diphtheria in which it has been proven that the disease was transmitted through raw milk. There are on record 150 epidemics of Scarlet Fever which have been traced definitely to raw milk, and within the last few years there has been twenty thousand cases of Septic sore throat in various parts of the United States which included a rather severe epidemic of this disease, in 1916, in one of our New England cities, of about the same population as Fall River, in which the source of infection was found to be due to the milk supply. The chances for transmitting this disease through milk are very great because some of the milkers or others engaged in the handling of the milk can have the disease in so mild ey can continue to perform their duties without have a to consult a physician.

With the sale exception of milk-borne tubercu-

losis, through milk from a tuberculous cow, the spreading of disease through milk most frequently happens through the careless habits of a human being. This may be true anywhere from the time the milk comes from the cow until it reaches the table of the consumer. Communicable diseases are spread by the discharges from the nose and throat or from the bowels and bladder of some one who is ill with the disease. In order to spread the disease by means of milk some of these discharges must enter the milk through the careless and filthy habits of someone.

Diphtheria and Scarlet fever are passed from one person to another by means of the discharges from the nose and throat of a person ill with either disease or who is a carrier of the former. Typhoid fever is communicated by the discharges from the bowels and bladder of a person suffering with the disease, or who is a carrier, and the regulations of the Board of Health prohibit any member of any family in which any of these diseases exist, and are cared for at home, from preparing, handling or delivering milk in the city. Milk containers are not permitted to be left by a milk dealer at any house in which any of the foregoing diseases exist. Every milk dealer is licensed and registered at the Board of Health office and are promptly notified by either placard or postal card when a case is reported. In the prevention of tuberculosis we go a little further by requiring a guarantee from the producer of the milk, that it shall be from cows free from tuberculosis. This shall be in the form of a certificate from a recognized veterinarian that all the cattle in the herd have been proven to be free from tuberculosis by means of the tuberculin test. And in addition cleanliness with personal habits and methods of persons engaged in the production and handling of milk is insisted upon, and cleanliness of the premises, and the utensils used, and of the cattle, must be maintained, as the only way in which the spread of disease can be prevented.

Every citizen has a right to demand that his milkman shall be both clean and healthy and that he shall be furnished with milk that is both clean and safe. This is what the Board of Health is endeavoring to accomplish, and it can be accomplished and maintained, only if the regulations of the Board are observed by those engaged in the production and sale of milk; but if, notwithstanding the warnings and vigilance of the employes of this department, the laboratory examination of the milk should show that the regulations are evaded it may become necessary to order that milk be pasteurized as a prerequisite to its sale in this city. Pasteurization neither changes the quality nor character of the milk. It does kill all the germs that cause disease in human beings, however. If all cows were healthy, if all the milkers and handlers were healthy, clean and careful and the methods and rules for the handling of milk were perfect and observed, pasteurization would not be necessary.

Much has been said and written, of late, about the increased cost of the precautions required for the proper protection of our milk supply in Fall River, and this department has been accused with causing an advance in the price of milk. If it is necessary, in order to exclude cow-manure, flies, filth, and the bacteria of communicable diseases from the milk, to increase the price the Board is willing to accept the responsibility. It can be definitely shown, however, that milk can be produced under the highest grade of sanitary conditions including the tuberculin testing of the cows at a cost not exceeding one cent per quart. This then is the price consumers should expect to have to pay for the sanitation of milk, but any further increase in the price, alleged to be due to any action of the Board of Health requirements, is unjustifiable.

#### TUBERCULOSIS AND LOBAR PNEUMONIA

January 1st. 1916, a rule made by the State Department of Health went into effect requiring that a separate record be made of Pulmonary and Laryng all Tuberculosis, as compared with Tuberculosis of all other forms, and on May 1st. 1917, Lobar pneumonia was declared to be a disease dangerous to the Public Health, and was made reportable by the same authority.

The records of this department show that for the years 1916 and 1917 pneumonia (bronchial and lobar) was responsible for 635 deaths while tuberculosis (all forms) was the cause of death in 441 cases, making a total of 1076 deaths, or 25 per cent, of all the deaths which occurred in both years, in this city. General Statistics show that the tuberculosis, the

greatest destroyer of human life among the infectious diseases, pneumonia ranks next as a cause of death; but it will be observed that pneumonia led tuberculosis, in Fall River, during the last two years in the number of its victims by 44 per cent.

Although the figures lead to a suspicion that pneumonia has been improperly ascribed as the cause of deaths in many instances, nevertheless, its prevalence is a warning that proper care should be taken to avoid the disease by guarding against infection and by other precautions.

#### TUBERCULOSIS.

In Fall River everything possible is being done for consumptives, to effect a cure or ameliorate conditions and to prevent the spread of the disease to others, with the facilities available, but the lack of a hospital of sufficient size to care for the number of our tuberculous patients who would be willing to enter one is a serious hindrance to the work of the Board of Health by compelling us to care for many patients at home with such imperfect conditions as to preclude expectation of success, not to say anything of the danger to which the public is exposed.

Physicians are commended for their hearty cooperation with the Health department in reporting cases, and, to this and the valuable assistance of the various local associations particularly the services rendered by the District Nursing Association whose nurses have given daily bed-side care to 89 out hospital patients during the past year, and the disposition evinced in a great majority of cases by the patient himself, the heads of families and relations of those afflicted with the disease, can be attributed the progress that has been made in dealing with this disease within the last few years.

#### TUBERCULOSIS HOSPITAL.

That the hospital now occupied by our consumptives is hopelessly inadequate to meet the demands made upon us for the care of patients afflicted with this malady has been recognized for several years past. To meet this condition funds to the amount of \$225,000.00 have been provided for the construction

of an institution of sufficient size to meet the requirements. Two years ago a loan for \$150,000.00 was authorized by the Mayor and Board of Aldermen and this was supplemented by another loan of \$75,000.00 a year ago. As was naturally to be expected much time was required to select and acquire a site that would be satisfactory for the establishment of a structure of such a permanent character. The Board of Trustees of Hospitals have secured an ideal site. The land containing about nine acres, is owned by the city; it is located north of upper Bedford street accross from the water tower and west of the intercepting drain. The location has all the essentials for a hospital, sufficient elevation, good drainage, within reasonable distance of the sewer system, city water supply, and can be reached by relatives or friends of patients by street cars which pass every quarter of an hour within ten or fifteen minutes walk of the proposed hospital.

Plans have been called for and submitted and it is confidently expected a selection will be made and building operations commenced just as soon as weather conditions permit.

The completion of this hospital will eliminate the necessity of having to care for practically all the patients we are at present obliged to care for at their homes, who number more than as many as can be accomodated in Bay View Hospital, which has always been crowded to its full capacity. The cost will not be much more because the city will then receive the State subsidy of \$5.00 per week upon a majority of the cases, besides, they will receive better care than can be given them at home in addition to removing the constant danger to which everyone living in the same house with a consumptive is exposed.

#### LOBAR PNEUMONIA

The Board hopes to receive the same loyal support of the physicians and people of Fall River in taking every possible precaution to reduce the fatal effects of pneumonia.

Research at the Rockfeller Institute in 191 cases of pneumonia showed that acute lobar pneumonia is caused, in a vast majority of cases, by some type of the germs known as Diplococcus Pneumoniae. There are, in all, four types of this diplococcus and the seriousness of the disease is largely dependant upon the type of the organism that is present. Type I. is fatal in 25 per cent, of the cases, Type II, in 32 per cent. of the cases, Type III. in 45 per cent, and Type IV. in 16 per cent. The mortality in cases due to Type I. organism can be reduced to 8 per cent. by the use of ante-pneumococcic serum. However, treatment with serum in cases due to the other types of diplococcus is of no value and may subject the patient to unneccessary discomforts. It is essential, therefor, that the type of organism should be known both to aid the physician in prognosis, and to determine whether or not serum treatment is to be recommended.

Laboratory examination of sputum makes the diagnosis of pneumonia and the determination of the type of organism present possible. Specimens of sputum from pneumonia patients contain the diplococcus and an examination of a specimen from every patient should be made. The Health Laboratory is prepared to do this work and the physicians and the people of the city are earnestly urged to co-operate with the Health Department in the campaign against pneumonia by insisting upon a laboratory diagnosis in every case.



### CONTAGIOUS HOSPITAL REPORT FOR JANUARY, 1918

Patients admitted Terminarion   Recovery   Death	Anterior Poliomyelitis	Cerebro Spinal Meningitis	Chicken Pox	- O & Diphtheria	Malaria	Micaeles	A Nimps	Oplithalina Neonatorum	Pneumonia (Lobar)	∞ ∞ Scarlet Fever	Septic Sore	Suppurative ( onjunctivitis	Typhoid Fever	Whooping Cough	25 20
Cases reporte.		Total	Case	in 200	the cit		Janua			1.	1		1	54 - 2	155





Hall River, Mass.

## MONTHLY BULLETIN

-OF THE-

### BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

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VOL. II. MARCH 1918 NO. 3

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-	I CONTED AT DIOPAGES		Cl		VII—THE PUERPERAL STATE.
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1	Typhoid Fever	73 74	Other Diseases of Nervous System	135	Puerperal Haemorrhage
2	Typhus Fever	75	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor
3	Relapsing Fever	76	Diseases of the Ears	137	Puerperal Septicæmia
8	Smallpox		DISEASES OF THE CIRCULATORY	138	Puerperal Albuminuria and Convulsions
6	Measles 1	111-		139	Puerperal Phlegmasia Alba Dolens, em-
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12	Asiatic Cholera	01	Aneurysm, etc 1		THE CELLULAR TISSUE.
13	Cholera Nostras	82	Embolism and Thrombosis	142	Gangrene
14 15	Plague	83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle
16	Yellow Fever		phlebitis, etc)	144	Acute Abscess
17	Leprosy	84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa
18	Erysipelas 2	we	gitis, etc	IX-	DISEASES OF THE BONES AND OF
19	Other Epidemic Diseases	85	Haemorrhage; Other Diseases of the Circulatory System	7	THE ORGANS OF LOCOMOTION.
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21	Glanders	IV-	-DISEASES OF THE RESPIRATORY	140	Excepted)
22	Rabies		SYSTEM.	147	Diseases of the Joints (Tuberculosis and
23	Tetanus	86	Diseases of Nasal Fossae		Rheumatism Excepted)
24 25	Mycoses	87	Diseases of Larynx	148	Amputations
26	Pellagra	88	Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-
27	Beriberi	89	Acute Bronchitis 8		motion
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31	Pott's Disease	94	Pulmonary Congestion, Pulmonary	327	DIGDAGES OF BARLII INDANOV
32	White Swellings	94	Apoplexy	XI	—DISEASES OF EARLY INFANCY.
33 34	Tuberculosis of other Organs 2	95	Gangrene of the Lung	151	Congenital Debility Icterus and Sclerema
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36	Rickets 2	97	Pulmonary Emphysema	b	Congenital Debility
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40	the Stomach, Liver 4	99	Diseases of the Mouth and Annexa		VIII EVTEDNAI CAUSES
41	Cancer and other Malignant Tumors of	100	Diseases of the Pharynx		XIII—EXTERNAL CAUSES.
71	the Peritoneum, Intestines, Rectum	101	Diseases of the Oesophagus	155	Suicide by Poison
42	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach 1	156	Suicide by Asphyxia
	the Female Genital Organs 2	103	Other Diseases of the Stomach (Cancer	157	Suicide by Hanging or Strangulation
43	Cancer and other Malignant Tumors of	104	Excepted)	158 159	Suicide by Drowning
	the breast	104	Diarrhoea and Enteritis (under 2 years) 5 Diarrhoea and Enteritis (2 years and over)	160	Suicide by Firearms Suicide by Cutting or Piercing Instru-
44	Cancer and other Malignant Tumors of the skin	105	Ankylostomiasis	100	ments.
45	Cancer and other Malignant Tumors of	107	Intestinal Parasites	161	Sucide by Jumping from a High Place
70	other organs and of organs not	108	Appendicitis and Typhlitis	162	Suicide by Crushing.
	specified 1	109	Hernia, Intestinal Obstructions 2	163	Other Suicides
46	Other Tumors (Tumors of the female	110	Other Diseases of the Intestines 1	164	Poisoning by Food
	genital organs excepted)	111	Acute Yellow Atrophy of the Liver	165	Other Acute Poisonings
47	Acute Articular Rheumatism	112	Hydatid Tumor of the Liver	166	Burns (Conflagration Excepted)
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49 50	Diabetes	115	Other Diseases of the Liver	100	flagration Excepted) 1
51	Exophthalmic Goitre	116	Diseases of the Spleen	169	Accidental Drowning
52	Addison's Disease	117	Simple Peritonitis (nonpuerperal)	170	Traumatism by Firearms 1
53	Leuchæmia	118	Other Diseases of the Digestive System	171	Traumatism by Cutting or Piercing In-
54	Anæmia, Chlorosis 2		Cancer and Tuberculosis Excepted	170	Struments
55	Other General Diseases	VI-	NONVENEREAL DISEASES OF THE	172	Traumatism by FallTraumatism in Mines and Quarries
<b>56</b>	Alcoholism (Acute or Chronic)		GENITO-URINARY SYSTEM AND	174	Traumatism by Machines
57 58	Other Chronic Occupation Poisonings		ANNEXA.	175	Traumatism by other Crushing (Vehi-
59	Other Chronic Poisonings				cles, Railroad, Landslides, etc.) 1
3.	8	119	Acute Nephritis	176	Injuries by Animals
II-E	ISEASES OF THE NERVOUS SYSTEM	120	Bright's Disease	177	Starvation
AT	ND OF THE ORGANS OF SPECIAL	121	ChyluriaOther Diseases of the Kidneys and	178	Excessive Cold
		162	Annexa	180	Lightning
	SENSE.	123	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis	124	Diseases of the Bladder	182	Homicide by Firearms
61	Simple Meningitis 2	125	Diseases of the Urethra, Urinary	183	Homicide by Cutting or Piercing In-
61 a	Cerebrospinal Fever 1	ine	Abscess, etc.	101	struments
62	Locomotor Ataxia	126	Nonvenereal Diseases of the Male Geni-	184	Homicide by other Means
<b>63</b> a	Anterior Poliomyelitis	127	tal Organs	185 186	Other External Violence
64	Other Diseases of the Spinal Cord	128	Uterine Haemorrhage (nonpuerperal)	100	Calci Datorius Violence
65	Softening of Brain	129	Uterine Tumor (noncancerous) 1		XIV-ILL DEFINED DISEASES.
66	Paralysis Without Specified Cause 1	120	Other Diseases of the Uterus	187	Ill Defined Organic Disease
67	General Paralysis of the Insane	151	Cysts and other Tumors of the Ovary	188	Sudden Death
68	Other Forms of Mental Alienation	132	Salpingitis and other Diseases of the Female Genital Organs	189	Cause of Death not Specified or Ill-defined 2
70	Epilepsy	133	Nonpuerperal Diseases of the Breast		
71	Convulsions (nonpuerperal)		(Cancer Excepted)		OTAL DEATHS
	280300000000000000000000000000000000000		• •	T	OTAL DEATHS 151

#### Oak Grove ......38 North Burial Ground ..... 5 City Hospital 11 St. John's ...... 5 Union Hospital..... 4 St. Mary's ...... 1 Under 1 day ...... 5 St. Anne's Hospital 0 St. Patrick's \_\_\_\_\_43 Notre Dame.....45 Bay View Hospital 1 2-3 days ..... 0 St. Mary's (Polish) ..... Contagious Hospital 0 Jesus Marie Convent Tomb ..... 3 days-1 week ...... 3 3 Highland Hospital \_\_\_\_\_2 Nwoo Hill ...... 3 1-2 weeks ...... 1 1 Our Lady of Light ...... 4 2-3 weeks ...... 2 Agedas Aham Sent away for interment 3 wks-1 month...... 1 Brought here for interment ......35 1 STILL BIRTHS 2-3 months ..... 4 1 SEX 3-6 months...... 4 Males ...... 7 6-9 months...... 6 Females 0 Female.... 79 Unknown 0 Total COLOR White ......151 3 years ...... 3 Colored 0 4 years ..... 0 () 0 NATIVITY CONDITION 1 Married ...... 51 15-19 years..... 4 2 Fall River \_\_\_\_\_65 Single 66 20-24 years ...... 1 Massachusetts 14 Divorced ....... 25-29 years ...... 2 Other States \_\_\_\_\_\_7 Unknown 0 30-34 years...... 4 2 2 Ireland ..... 11 There were 226 cases of contagious diseases 35-39 years ..... 5 3 reported for Feb. viz: Canada 16 England 20 45-49 years......10 50-54 years...... 6 Scotland 2 6 55-59 years.....10 Rumania Tuberculosis, Other Forms. 6 Azores \_\_\_\_\_11 65-69 years.....14 Whooping Cough......17 Australia.... Measles \_\_\_\_\_\_24 Septic Sore Throat \_\_\_\_\_2 70-74 years...... 7 4 3 Poland ..... Ophthalmia Neonatorum .....10 Germany 30-84 years ...... 6 1 Suppurative Conjunctivitis 4 85-89 years...... 3 Russia Chicken Pox 13 Dysentery, Bacillary 90-94 years 1 1 Nova Scotia Cerebro-Spinal Meningitis. 2 95-99 years...... i Italy ..... Anterior Poliomyelitis 100+...... Pneumonia, Lobar .....20 Unknown..... Unknown () 0 The following is the number of contagious diseases reported in each ward: DEATHS BY WARDS 1-30; 2-30; 3-19; 4-13; 5-20; 6-32; 7-8; 8-26; 9-48. 24 Estimating the population at 131,358, 151 deaths would give an annual 2 11 3 19 death rate of 13.70 in 1,000. 4......11 This is 51 less than last month and 84 less than the same month in 1917. 5 ..... 9 6 ..... 22 · FRANK L. LARKIN, Secretary 7 7 25

SAMUEL B. MORRISS, Agent

HOSPITALS

CEMETERIES

DEATHS BY AGES

9.....

#### DIPHTHERIA FATALITY RATE TOO HIGH.

From the State Department of Health bulletin we learn that eight out of every 100 persons sick with diphtheria in Massachusetts, die, and without any material change this has been the fatality rate for the State for the seven year period ending with the year 1917.

Turning to our own records we find that for the six years ending with 1916, we have had reported 972 cases of Diphtheria and 163 deaths, a mortality rate of 16.77%. For the year 1917, 221 cases were reported of which 36 died making the mortality rate for that year 16.33%, and during the first two months of this year there has been 44 cases and 9 deaths, a death rate of over 20 per cent.

CROUP AND DIPHTHERIA ARE ONE AND THE SAME THING and the fact that this is not generally understood is undoubtedly one of the

causes for the abnormally high death rate from this disease in Fall River.

The symptoms in both diphtheria and croup are exactly alike and upon their first appearance a physician should be promptly called.

The early calling of the physician in case of diphtheria, coupled with the prompt administering of diphtheria antitoxin in sufficient amounts, will decrease this fatality rate at once.

The early and prompt administration of antitoxin is therefore essential.

The following table prepared by W. H. Park, M. D., of the New York City Health Department, based on extensive clinical and experimental study, contains valuable data upon the dosage of diphtheria antitoxin.

#### Dosage of Antitoxin in Diphtheria (Units)

	In Mild Cases	In Moderate Cases	In Severe Cases	In Malignant Cases
Infants, 10 to 30 pounds in weight (under	2,000-3,000	3,000-5,000	5,000-10,000	10,000
2 years of age) Children, 30 to 90 pounds in weight (under 15 years of age)	3,000-4,000	4,000-10,000	10,000-15,000	15,000-20,000
Adults, 90 pounds and over in weight	3,000-5,000	5,000-10,000	10,000-20.000	20,000-40,000

Cases of laryngeal diphtheria, moderate cases seen late at the time of the first injection and cases of diphtheria occuring as a complication of the exanthemata should be classified and treated as "severe" cases.

Il all cases a single dose of the proper amount, as indicated in the schedule, is recommended. For immunizing purposes a dose of 1,000 units should be used.

It is recommended that the methods of administration be as follows:—

Mild Cases.—Subcutaneous or intramuscular.

Moderate Cases.—Intramuscular or subcutaneous.

Severe Cases.—Intramuscular or subcutaneous or intravenous.

Malignant Cases.—Intravenous.

#### METHODS FOR PREVENTION OF DIPHTHERIA

- 1.—Isolation of diphtheria carriers and all clinical cases of diphtheria on the appearance of the first symptoms of the disease.
- . 2.—Culturing of families, schools, institutions and other contacts.
- 3.—Immunization of all contacts with diphtheria antitoxin, using 1,000 units.
- 4.—Use of the Schick test in families, schools and institutions.
- 5.—Active immunization with toxin-antitoxin of those individuals who prove to be susceptible to the disease by the Schick test.

Isolation of cases, culturing of contacts and immunization by antitoxin have been carried out for several years. This immunization is fleeting and protects the person for only a few weeks, but is very efficient in checking outbreaks of the disease.

The Schick test and active immunization with

toxin-antitoxin enables the health officers to locate the persons who are susceptible to the disease, and to immunize these persons with toxin-antitoxin. This immunity in practically 95 per cent. of all persons so treated will last for years.

The Schick test is an injection of one-fiftieth of the minimum lethal dose for a 250-gram guinea pig of diphtheria toxin in one-tenth cubic centimeter sterile physiological salt solution, intracutaneously (between the skin layers) on the flexor surface of the forearm.

This test is not an emergency measure, but can be carried out at any time to determine who are susceptible to the diphtheria bacillus and who are not, so that when diphtheria appears those susceptible are known and can be immunized at once.

Material for the Schick test and toxin-antitoxin is furnished free by the Massachusetts State Department of Health through the District Health Officers.

#### THE CAUSES OF CONTAGIOUS DISEASES.

Did anyone ever tell you that you got Diphtheria or some other contagious disease from a damp cellar? And you believed it? Then don't believe it any longer. It is true, of course, that damp cellars are unhealthy places to live in because of the poor air, the coldness, the lack of sunlight—but a damp cellar ALONE could not give anyone diphtheria. Germs—

living, moving, growing microbes—cause it, and unless you have these in your nose or throat, you do not have the disease. Let me tell you, then, how diphtheria is really passed around.

Suppose someone has it. That means that he has the diphtheria microbes in his nose or throat. Then he coughs in the face of someone else. More than likely that person receives the germs and harbors them in his throat. In his turn, he passes them on to someone else. And so it goes. Many persons receive the

germs in this fashion and are not sick. That merely means that they have enough resistance to prevent the germs from doing them any harm. Yet they are just as dangerous to the public health as the sickest case, because they are "carriers" and pass out microbes "free-of-charge" every time they sneeze or cough. And you would be amazed if you knew how many carriers there are.

Suppose, instead of spraying someone else, a diphtheria carrier coughs over a dish of specially prepared beef broth or a plate of gelatine. If these are then kept in a warm place, you will notice things happening in a very few hours. The broth will become very cloudy, and the gelatine will be dotted with white cheesy specks. That means that the germs coughed onto the plate have grown and raised their families. Then suppose some of these are injected

into a guinea pig. In a few hours or a day or two days the pig will be dead, and from the dead pig we can isolate again the same kind of germs we found on the gelatine plate and also the same kind we find in the throat of people who have diphtheria. Can there still be any doubt that germs are responsible for the disease?

Of course, diphtheria is only one of the contagious diseases, but the others are spread in the same, or a similar manner, and invariably you will find that GERMS are the cause. Then, knowing these facts, why listen to nonsense about catching diphtheria in a damp cellar?

#### THE IMPORTANCE OF BIRTH REGISTRATION.

The attention of physicians is called to the necessity of reporting births. The statute laws of this state require that the physician report a birth at which he has attended within 48 hours and then file a complete report of this birth within 15 days.

Of all records the birth certificate is undeniably the most valuable record, for there is hardly a phase in life from the cradle to the grave where this tiny report is not used for the establishment of some fact of value either to the person or to the community.

At no time has the value of absolutely correct birth registration been more apparent than it is at the present time; we are a nation now at war and it has often been found to be of the greatest importance to produce the birth certificates of persons either abroad or at home to prove their citizenship. Also, competent proof of birth may be necessary for a man to prove whether or not he is liable for military service.

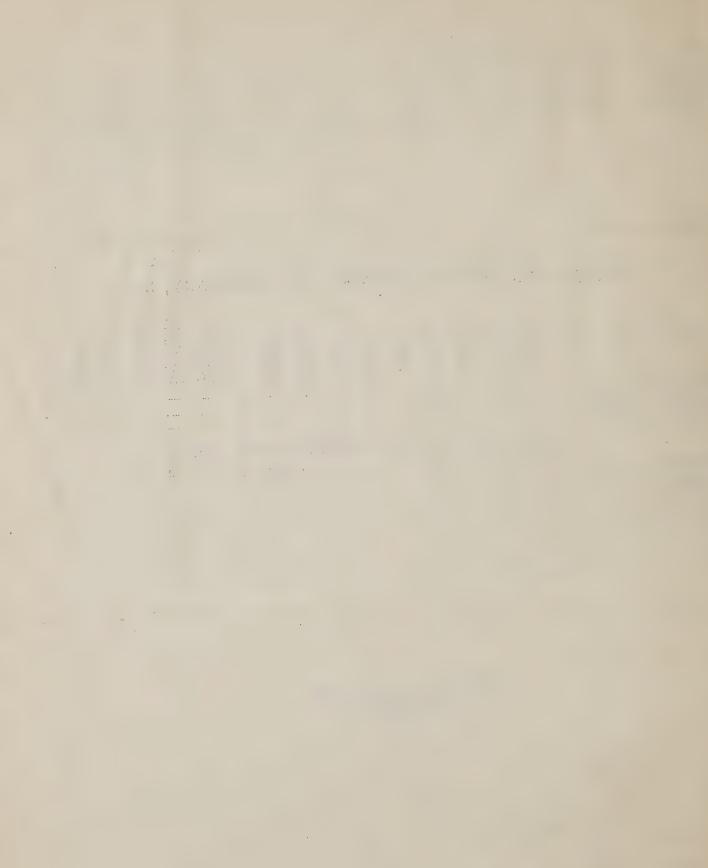
A birth certificate may be needed to prove legitimacy or right to inherit property. It is also called for in order to obtain admission to school and to establish right to go to work. It serves to establish right to vote and hold public office, to marry, to obtain pensions and the settlement of insurance. Further concrete examples might also be cited to show the importance and care of birth registration.

Many well informed public men are of the opinion that we will have an era of compulsory military training for all males; then it will be of the greatest importance both to the country and the individual that all births be properly registered.



### CONTAGIOUS HOSPITAL REPORT FOR FEBRUARY, 1918

	Anterior Poliomyelitis	Cerebro Spinal Meningitis	Chicken Pox	Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	Septic Sore Throat	Suppurative Conjunctivitis	Typhoid Fever	Whooping	Trachomm	Total
Patients admitted	*****	1		12	*****	1	1	*****	****	9	*****	*****		1		25
Termination { Recovery Death		1		12		1	1			9		****		1		25
( Death	*****							****	*****		••••	*****		*****		
	TOTAL	CAS	ES I	IN T	HE (	CITY	FOR	FEF	BRUA	RY,	1918.					
Cases reported	***	2	13	24		24	27	10	20	42	2	4	5	17	1	191
Deaths	*****	1		1	*****	1			7					1		11





Hall River, Mass.

## MONTHLY BULLETIN

-OF THE-

# BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

VOL. II. APRIL, 1918

NO. 4

### Mortality for the Month of March, 1918.

After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.

	7 CD110D 41 D10D 40D0					VII—THE PUERPERAL STATE.
	I-GENERAL DISEASES.		72	Chorea		
1	Tunhaid Famor	1	73	Neuralgia and Neuritis	134	Accidents of Pregnancy
	Typhoid Fever	+	74	Other Diseases of Nervous System 1	135	Puerperal Haemorrhage
Z	Typhus Fever	- 1	75		136	Other Accidents of Labor
3	Relapsing Fever			Diseases of the Eyes and their Annexa		Description of Laborance
4	Malaria		76	Diseases of the Ears 1	137	Puerperal Septicæmia 1
5	Smallpox		777	DISPASES OF THE CIRCUIT ATORY	138	Puerperal Albuminuria and Convulsions
e			111-	-DISEASES OF THE CIRCULATORY	139	Puerperal Phlegmasia Alba Dolens, em-
0	Measles	ſ		SYSTEM.		bolus, Sudden Death
7	Scarlet Fever	- 1	-		140	
8	Whooping Cough	$2 \mid$	77	Pericarditis	140	Following Childbirth (not otherwise de-
9	Diphtheria and Croup	4	78	Acute Endocarditis		fined)
			79	Organic Diseases of Heart 22	141	Puerperal Diseases of the Breast
10	Influenza	4				
11	Miliary Fever	.	80	Angina Pectoris	VIII	-DISEASES OF THE SKIN AND OF
12	Asiatic Cholera	- 1	81	Diseases of the Arteries, Atheroma,		·
13		İ		Aneurysm, etc 4	}	THE CELLULAR TISSUE.
	Cholera Nostras		82	Embolism and Thrombosis	142	Gangrene
14	Dysentery				143	Furuncle 1
15	Plague	- 1	83	Diseases of Veins (varices, haemorrhoids,		
16	Yellow Fever			phlebitis, etc)	144	Acute Abscess
17		- 1	84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa
	Leprosy	. 1		gitis, etc.		
18	Erysipelas	1	0.5		IX—	DISEASES OF THE BONES AND OF
19	Other Epidemic Diseases		85	Haemorrhage; Other Diseases of the	7	THE ORGANS OF LOCOMOTION.
20	Purulent Infection and Septicæmia			Circulatory System		THE ORGANS OF LOCOMOTION.
21		- 1			146	Diseases of the Bones (Tuberculosis
	Glanders		IV-	-DISEASES OF THE RESPIRATORY		
22	Anthrax			ONOMERA	4.40	Excepted)
23	Rabies			SYSTEM.	147	Diseases of the Joints (Tuberculosis and
24	Tetanus 1		86	Diseases of Nasal Fossae		Rheumatism Excepted)
			87	Diseases of Larynx	148	Amputations
25	Mycoses			Discours of Thyracid Dada	149	
26	Pellagra		88	Diseases of Thyreoid Body	170	Other Diseases of the Organs of Loco-
27	Beriberi		89	Acute Bronchitis4		motion
28	Tuberculosis of the Lungs24	1	90	Chronic Bronchitis 2		V WAT ECDMANTONO
29	Acute Miliary Tuberculosis		91	Bronchopneumonia		X-MALFORMATIONS.
	Acute Miliary Tuberculosis	,			150	Congenital Malformation (Still births
30	Tuberculous Meningitis		92	Pneumonia 8		not Included)
31	Abdominal Tuberculosis	-	93	Pleurisy		not included)
32	Pott's Disease	- 1	94	Pulmonary Congestion, Pulmonary	VI	DISPASES OF PARTY INFANCY
33	White Swellings			Apoplexy 1	Ai	-DISEASES OF EARLY INFANCY.
			95	Gangrene of the Lung	151	Congenital Debility Icterus and Sclerema 2
34	Tuberculosis of other Organs	- 1				
35	Disseminated Tuberculosis	. 1	96	Asthma1	a	Premature Birth
36	Rickets	5	97	Pulmonary Emphysema	Ь	Congenital Debility
37	Syphilis 1		98	Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy 2
38	Gonococcus Infection			(Tuberculosis Excepted)	153	Lack of Care
				(		
39	Cancer and other Malignant Tumors of		V	-DISEASES OF THE DIGESTIVE SYS-		XII-OLD AGE.
	the Buccal Cavity	ļ			154	Sanility
40	Cancer and other Malignant Tumors of			TEM.	104	Senility
	the Stomach, Liver 3	3 i	99	Diseases of the Mouth and Annexa		VIII EVTEDNAL CALIDED
41	Cancer and other Malignant Tumors of		100	Diseases of the Pharynx 1		XIII—EXTERNAL CAUSES.
**				Diseases of the Oesophagus	155	Suicide by Poison
	the Peritoneum, Intestines, Rectum		101			Caricide by Tolson
42	Cancer and other Malignant Tumors of	1	102	Ulcer of the Stomach	156	Suicide by Asphyxia
	the Female Genital Organs	3	103	Other Diseases of the Stomach (Cancer	157	Suicide by Hanging or Strangulation
43	Cancer and other Malignant Tumors of			Excepted) 3	158	Suicide by Drowning
10			104		159	Suicide by Firearms
4.4	the breast			Diarrhoea and Enteritis (under 2 years)11		Cuicide by Cutting on Dispoins Instant
44	Cancer and other Malignant Tumors of	-	105	Diarrhoea and Enteritis (2 years and over)	160	Suicide by Cutting or Piercing Instru-
	the skin		106	Ankylostomiasis		ments.
45	Cancer and other Malignant Tumors of	i	107	Intestinal Parasites	161	Sucide by Jumping from a High Place
	other organs and of organs not	j	108	Appendicitis and Typhlitis 2	162	Suicide by Crushing.
	specified	9 !		Hernia, Intestinal Obstructions 3	163	Other Suicides
4.0		1	109			
46	Other Tumors (Tumors of the female		110	Other Diseases of the Intestines	164	Poisoning by Food
	genital organs excepted)	1	111	Acute Yellow Atrophy of the Liver	165	Other Acute Poisonings
47	Acute Articular Rheumatism		112	Hydatid Tumor of the Liver	166	Conflagration
48	Chronic Rheumatism and Gout		113	Cirrhosis of the Liver 1	167	Burns (Conflagration Excepted)
49			114	Biliary Calculi	168	Absorption of Deleterious Gases (Con-
	Scurvy	,			100	flagration Excepted
50	Diabetes 2	2	115	Other Diseases of the Liver 2	100	flagration Excepted)
51	Exophthalmic Goitre		116	Diseases of the Spleen	169	Accidental Drowning
52	Addison's Disease		117	Simple Peritonitis (nonpuerperal)	170	Traumatism by Firearms 1
53	Leuchæmia		118	Other Diseases of the Digestive System	171	Traumatism by Cutting or Piercing In-
54	Anæmia, Chlorosis 1			Cancer and Tuberculosis Excepted		struments
55				Canada a wood canonic Lixeopted	172	Traumatism by Fall. 2
	Other General Diseases		VI.	NONVENEREAL DISEASES OF THE		
56	Alcoholism (Acute or Chronic)		A Y		173	Traumatism in Mines and Quarries
57	Chronic Lead Poisoning			GENITO-URINARY SYSTEM AND	174	Traumatism by Machines
58	Other Chronic Occupation Poisonings			ANNEXA.	175	Traumatism by other Crushing (Vehi-
59	Other Chronic Poisonings					cles, Railroad, Landslides, etc.) 1
	8		119	Acute Nephritis 1	176	Injuries by Animals
II P	ISEASES OF THE NERVOUS SYSTEM	a I	120	Bright's Disease19	177	Starvation 1
11-D	ISEASES OF THE NERVOUS SISTEM	A	121	Chyluria	178	Excessive Cold
AP	ID OF THE ORGANS OF SPECIAL	1	122	Other Diseases of the Kidneys and		
AL			122		179	Effects of Heat
	SENSE.		107	Annexa	180	Lightning
			123	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis 1	1	124	Diseases of the Bladder 1	182	Homicide by Firearms
61	Simple Meningitis		125	Diseases of the Urethra, Urinary	183	Homicide by Cutting or Piercing In-
61a	Cerebrospinal Fever	)		Abscess, etc.	200	
			126	Diseases of the Prostate	104	struments
62	Locomotor Ataxia	1			184	Homicide by other Means
<b>63</b> a	Anterior Poliomyelitis	1	127	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)
ь	Other Diseases of the Spinal Cord	i		tal Organs	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy 7	7 ;	128	Uterine Haemorrhage (nonpuerperal,		
65	Softening of Brain		129	Uterine Tumor (noncancerous)		XIV-ILL DEFINED DISEASES.
		1	130	Other Diseases of the Uterus	4	
66	Paralysis Without Specified Cause	-		Cysts and other Turners of the Character	187	Ill Defined Organic Disease
67	General Paralysis of the Insane		131	Cysts and other Tumors of the Ovary	188	Sudden Death
68	Other Forms of Mental Alienation		132	Salpingitis and other Diseases of the	189	Cause of Death not Specified or Ill-defined 3
69	Epilepsy	1	4.2-	Female Genital Organs		
70	Convulsions (nonpuerperal)	1	133	Nonpuerperal Diseases of the Breast		
71	Convulsions of Infants 2	2 :		(Cancer Excepted)	GD.	OTAL DEATHE
					1	OTAL DEATHS 204

#### DEATHS BY AGES

	Total	Males	Female
Under 1 day	8	5	3
1-2 days		1	1
2-3 days	2	2	0
3 days-1week	2	1	1
1-2 weeks	2	1	1
2-3 weeks	4	2	2
3 wks-1 month	2	1	1
1-2 months	3	2	1
2-3 months	5	4	1
3-6 months	7	4	3
6-9 months	7	2	5
9-12 months	7	4	3
1 year	11	4	7
2 years	3	()	3
3 years	2	0	2
4 years	3	1	2
5-9 years	4	1	3
10-14 years	1	1	0
15-19 years	3	1	2
20-24 years	7	0	7
25-29 years	7	5	2
30-34 years	7	0	7
35-39 years	8	G	2
40-44 years	8	5	3
45-49 years	8	4	4
50-54 years	9	5	4
55-59 years	17	9	8
60-64 years		6	4
65-69 years		7	3
70-74 years		5	9
75-79 years		6	3
80-84 years	8	2	6
85-89 years	4	2	2
90-04 years	-	0	0
95-99 years		0	0
100+		0	0
Unknown		0	0
Total		99	105
1 Utal	201	90	100

#### DEATHS BY WARDS

	32	
2	27	
3	27	
4	13	
5	8	
6	25	
7	3	
8	39	
9	30	

#### HOSPITALS

City Hospital	$\lfloor 2 \rfloor$
Union Hospital	0
St. Anne's Hospital	2
Bay View Hospital	4
Contagious Hospital	3
Truesdale Hospital	0

#### STILL BIRTHS

Males11
Females4
Unknown
Total15

#### NATIVITY

Fall River	89
Massachusetts	.13
Other States	.16
Ireland	.19
Canada	.19
England	18
Scotland	1
Rumania	
Azores	21
Austria	4
Finland	1
Syria	1
Russia	1
Russia Nova Scotia	
Nova Scotia	1

#### CEMETERIES

Oak Grove 29	)
North Burial Ground12	,
St. John's 4	k
St. Mary's 2	
St. Patrick's57	,
Notre Dame83	3
St. Mary's (Polish) 2	è
Jesus Marie Convent Tomb 1	
Nwoo Hill	2
Our Lady of Light	
Agedas Aham 1	
Sent away for interment11	
Brought here for interment34	
SEX	
Male 99	
Female105	)
	,
COLOR	•
COLOR White204	L.
COLOR	į.
COLOR White	į.
COLOR White	
COLOR White	1
COLOR White 204 Colored CONDITION Married 71 Single 99	
COLOR  White	
COLOR  White	1 2 2
COLOR  White	1 2 2
COLOR  White	100
COLOR  White	100
COLOR  White	10221
COLOR White	10221
COLOR  White	1021 - 5

The following is the number of contagious diseases reported in each ward: 1—38; 2—13; 3—24; 4—13; 5—16; 6—17; 7—8; 8—13; 9—23.

Estimating the population at 131,358, 204 deaths would give an annual death rate of 18.63 in 1,000.

This is 53 more than last month and 8 less than the same month in 1917.

FRANK L. LARKIN, Secretary

SAMUEL B. MORRISS, Agent

#### SPRING REMINDERS

#### A CIVIC DUTY.

"One for all and all for one," is a good slogan for Fall River as a city and for all our citizens as individuals,

It is still true that "we must all hang together or hang separately."

Whatever each individual does to improve his own premises, must naturally help the entire city.

The past winter has been of unusual severity and consequently we have not only the usual necessity for Spring clean up but an exaggerated condition. The large and frequent falls of snow and the continued cold weather have made the regular winter collections of waste material well nigh impossible. Yet with the good service furnished by the municipality in the collection and removal of garbage, ashes and rubbish there is no excuse for yards not being always in presentable condition and we should endeavor to keep our premises always clean rather than spasmodically.

A combined effort should be made by every citizen in a Spring clean-up drive for the removal of the Winter's accumulations of ashes, garbage and refuse in yards, areaways and cellars as well as manure from stables which should be early screened against the disease spreading fly. Vaults and cesspools should be cleaned out and disinfected before warm weather arrives. Kill the early flies that have been hiding in attics and cellars for the Winter and clean up and purify their favorite breeding places. Get your door and window screens ready for use so that fresh air and sunshine can be admitted every fair day while excluding all flies and other insects. The cleaning movement should become a permanent function not only in the Spring but at all seasons of the year.

Practical sanitation is everybody's business. Cooperation counts. The city is just what you make it—clean or dirty. Clean up and paint up. A thorough Spring job will last all year.

#### SPRING TYPHOID.

City people and unused country wells make a bad combination which often results in typhoid fever. Surface wells, which are not continuously in use, are little better than cesspools. City people, who return to their country homes in Spring, should pump the wells of all the winter accumulation of slush and surface water so as to make it safe against typhoid.

#### KILL THAT FLY!

Oh, every fly that skips our swatters,
Will have five million sons and daughters,
And countless first and second cousins
Of aunts and uncles scores and dozens,
And fifty-seven billion nieces;
So knock the blamed thing all to pieces.

—Selected

#### WELL VS. SICK BABIES.

"My baby is sick; what shall I do?" is a frequent question from anxious mothers. It is not always as easily answered, nor as pertinent, as the question: "How can I keep my baby well?" Most of us are one hundred per cent human, and therefore satisfied to let well-enough alone—in other words, as long as the baby does not yell its head off with pain, or is alarmingly ill, we never do a blooming thing to keep it well and prevent these undesired conditions.

Not only the mother, but the entire nation, is interested in the baby; therefore, the nation, the health authorities, the physician, all unite in helping the mother to keep the baby well.

We are getting too many dead babies annually; let's make a stronger effort to keep them alive and well. The government has started a nation-wide "Drive" to save 100,000 babies in 1918. With a possible decrease in the number of births, because of war conditions, it becomes necessary to do our utmost to save, not only a majority, but every child born.

#### GREATEST SOCIAL EVIL.

Syphilis is the greatest social evil. Its economic importance can never be underestimated. Therefore, whatever can be done to lessen this evil must be considered of greatest value. Syphilis causes many of the organic diseases, most of the cerebral troubles, causes softening of the brain, and supplies our insane asylums, poorhouses and homes for defectives, imbeciles and idiots, with at least 60 per cent of their inmates.

Education on the subject of syphilis should not be, left to prudes—it is the work of an entire progressive and self-respecting community.

#### THIS FOR YOU.

"You plant a rosebush by your door, and morning glories three and four; you mow the lawn when whiskers green upon its countenance are seen; you take the dead cats to the dump, and fix the fence and paint the pump, and trim the plumtree and the vine, and make the door knob fairly shine. And neighbors who have gone to seed, whose lots are grown to grass and weed, will soon or late observe your game, and feel a burning sense of shame. They'll say, 'that fellow's place, so neat, is quite the smoothest on the street; it makes ours look like also-rans so we'll adopt that Smarty's plans, and prove to him that other jays can well deserve the public praise.' I've seen a neighborhood that lay all ragged, gone to brush and hay, brace up and bloom to beat the band because some pilgrim, tools in hand, cleaned up his lawn and pruned his trees, and bought some flowers' and bumble bees. Thus good examples spur the souls of men who've crawled into their holes, content to let the whole world slide, the tail connected with the hide."-Walt Mason.

#### CONTAGIOUS HOSPITAL REPORT FOR MARCH, 1918

												,					
	Anterior Poliomyelitis	Cerebro Spinal Meningitis	Chicken Pox	Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonatoium	Pneumonia (Lobar)	Scarlet Fever	Septic Sore Throat	Suppurative Conjunctivitis	Typhoid Fever	Whooping Cough	Tetanus	Total	
Patients admitted	1	1	*****	6			1	erken	*****	8	1	20000	eeenn		******	18	
Termination Recovery	1		*****	5	*****	*****	1	*****	••••	8	1				*****	16	
Termination Death	****	1	*****	1	*****	******			*****	*****	*****	00000		*****		2	
	TOTAL	, CA	SES	IN	THE	CIT	Y FO	OR M	ARC	H, 19	18.						
Cases reported	1	2	7	17	*****	13	17	10	16	14	1	2	2	17	1	120	
Deaths	90040	2		4	*****				6				1	2	1	16	



Fall River, Mass.

## MONTHLY BULLETIN

-OF THE-

# BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

VOL. II.

MAY, 1918

NO. 5

## Mortality for the Month of April, 1918.

After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.

-	After the Definion Classifica	LIOII (	Causes of Deaths, Second International Dec	Limiai	Keriotoli, 1 alis, 1303.	
	I-GENERAL DISEASES.	72	Chorea		VII—THE PUERPERAL STATE.	
1		73		134	Accidents of Pregnancy	
2	Typhoid Fever 3	74		135	Puerperal Haemorrhage	
3	Typhus Fever	75		136	Other Accidents of Labor	
A	Relapsing Fever	76		137	Puerperal Septicæmia.	
5	Malaria			138	Puerperal Albuminuria and Convulsions	
6	Smallpox	III	-DISEASES OF THE CIRCULATORY	139	Puerperal Phlegmasia Alba Dolens, em-	
7	Measles		SYSTEM.	100	bolus, Sudden Death	
8	Scarlet Fever	77	Pericarditis1	140	Following Childbirth (not otherwise de-	
9	Whooping Cough	78	Acute Endocarditis		fined)	
10	Diphtheria and Croup	79		141	Puerperal Diseases of the Breast	
11	Influenza 2	80				
12	Miliary Fever	81	Diseases of the Arteries, Atheroma,	VIII	-DISEASES OF THE SKIN AND	)F
13	Cholera Nostras		Aneurysm, etc 10		THE CELLULAR TISSUE.	
14	Dysentery	82	Embolism and Thrombosis	142	Gangrene	
15	Plague	83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle	
16	Yellow Fever		phlebitis, etc)	144	Acute Abscess	
17	Leprosy	84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa	
18	Erysipelas		gitis, etc	TY_	DISEASES OF THE BONES AND	75
19	Other Epidemic Diseases	85	Haemorrhage; Other Diseases of the			Jr
20	Purulent Infection and Septicæmia 1		Circulatory System	1	THE ORGANS OF LOCOMOTION.	
21	Glanders		Dige to a mine propin imani	146	Diseases of the Bones (Tuberculosis	
22	Anthrax	IV-	-DISEASES OF THE RESPIRATORY		Excepted)	
23	Rabies		SYSTEM.	147	Diseases of the Joints (Tuberculosis and	
24	Tetanus	86	Diseases of Nasal Fossae		Rheumatism Excepted)	
25	Mycoses	87	Diseases of Larynx1	148	Amputations	
26	Pellagra	88	Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-	
27	Beriberi	89	Acute Bronchitis 10		motion	
28	Tuberculosis of the Lungs29	90	Chronic Bronchitis		X-MALFORMATIONS.	
29	Acute Miliary Tuberculosis	91	Bronchopneumonia15	150		
30	Tuberculous Meningitis 2	92	Pneumonia 7	100	Congenital Malformation (Still births	1
31	Abdominal Tuberculosis	93	Pleurisy		not Included)	1
32	Pott's Disease	94	Pulmonary Congestion, Pulmonary	XI	-DISEASES OF EARLY INFANCY.	
33	White Swellings	0.5	Apoplexy 1	1		(2)
34	Tuberculosis of other Organs 1	95	Gangrene of the Lung	151	Congenital Debility Icterus and Sclerema	3
35	Disseminated Tuberculosis	96	Asthma	a	Premature Birth	11
36	Rickets	97	Pulmonary Emphysema	150	Congenital Debility	
37	Syphilis	98	Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy	
38	Gonococcus Infection		(Tuberculosis Excepted)	153	Lack of Care	
39	Cancer and other Malignant Tumors of	V-	-DISEASES OF THE DIGESTIVE SYS-		XII- OLD AGE.	
40	the Buccal Cavity		TEM.	154	Senility	1
40	Cancer and other Malignant Tumors of	29	Diseases of the Mouth and Annexa			
41	the Stomach, Liver	100	Diseases of the Pharynx		XIII—EXTERNAL CAUSES.	
41	the Peritoneum, Intestines, Rectum 1	101	Diseases of the Oesophagus	155	Suicide by Poison	
42	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	155	Suicide by Asphyxia	
72	the Female Genital Organs	103	Other Diseases of the Stomach (Cancer	157	Suicide by Hanging or Strangulation	
43	Cancer and other Malignant Tumors of	100	Excepted)	158	Suicide by Drowning	
	the breast	104	Diarrhoea and Enteritis (under 2 years) 9	159	Suicide by Firearms	
44	Cancer and other Malignant Tumors of	105	Diarrhoea and Enteritis (2 years and over)	160	Suicide by Cutting or Piercing Instru-	
	the skin	106	Ank ylostomiasis		ments.	
45	Cancer and other Malignant Tumors of	107	Intestinal Parasites	161	Sucide by Jumping from a High Place	
	other organs and of organs not	103	Appendicitis and Typhlitis 2	162	Suicide by Crushing.	
	specified1	169	Hernia, Intestinal Obstructions 1	163	Other Suicides.	
46	Other Tumors (Tumors of the female	110	Other Diseases of the Intestines 1	104	Poisoning by Food	
	genital organs excepted)	111	Acute Yellow Atrophy of the Liver	165	Other Acute Poisonings	
47	Acute Articular Rheumatism 1	112	Hydatid Tumor of the Liver	186	Conflagration	
48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	157	Burns (Conflagration Excepted)	
49	Scurvy	114	Biliary Calculi	163	Absorption of Deleterious Gases (Con-	
50	Diabetes	115	Other Diseases of the Liver	1.00	flagration Excepted)	2
51 52	Exophthalmic Goitre	116	Diseases of the Spleen	169	Accidental Drowning	
53	Addison's Disease	113	Other Diseases of the Digestive System	179	Traumatism by Firearms	
54	Anæmia, Chlorosis	110	Cancer and Tuberculosis Excepted 1	AZA	struments	
55	Other General Diseases		ounds and raboroutons Excepted 1	172	Traumatism by Fall	
56	Alcoholism (Acute or Chronic)	VI-	-NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries	
57	Chronic Lead Poisoning		GENITO-URINARY SYSTEM AND	174	Traumatism by Machines	
58	Other Chronic Occupation Poisonings		ANNEXA.	175	Traumatism by other Crushing (Vehi-	
59	Other Chronic Poisonings				cles, Railroad, Landslides, etc.)	2
		119	Acute Nephritis	176	Injuries by Animals	
II-D	ISEASES OF THE NERVOUS SYSTEM	120	Bright's Disease 12	177	Starvation	
AT	ID OF THE ORGANS OF SPECIAL	121 122	Chyluria.	178	Excessive Cold.	
224		122	Other Diseases of the Kidneys and	179	Effects of Heat	
	SENSE.	123	AnnexaCalculi of the Urinary Passages	189	Lightning	
60	Encephalitis	124	Diseases of the Bladder.	131	Electricity (Lightning Excepted)	
60 61	Simple Meningitis	125	Diseases of the Urethra, Urinary	132	Homicide by Firearms	
61a	Cerebrospinal rever 2		Abscess, etc 1	183	Homicide by Cutting or Piercing In-	
62	Locomotor Ataxia	126	Diseases of the Prostate	184	Struments	
	Anterior Poliomyelitis	127	Nonvenerea! Diseases of the Male Geni-	105	Fractures (Cause not Specified)	
b	Other Diseases of the Spinal Cord		tal Organs	186	Other External Violence	
64	Cerebral Haemorrhage, Apoplexy 2	128	Uterine Haemorrhage (nonpuerperal)			
65	Softening of Brain	129	Uterine Tumor (noncancerous)		XIV-ILL DEFINED DISEASES.	
66	Paralysis Without Specified Cause 1	130	Other Diseases of the Uterus	187	Ill Defined Organic Disease	1
67	General Paralysis of the Insane	131	Cysts and other Tumors of the Oyary	188	Sudden Death	A
68	Other Forms of Mental Alienation	152	Salpingitis and other Diseases of the	139	Cause of Death not Specified or Ill-defined	3
69	Epilepsy	177	Female Genital Organs			
70	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast			
71	Convulsions of Infants 1		(Cancer Excepted)	TO	OTAL DEATHS 16	20

#### DEATHS BY AGES

Total Males	
Under 1 day	2
1-2 days 2 2 0	)
2-3 days 4 2 2	2
3 days-1 week 2 1 1	
1-2 weeks 0 0 0	)
2-3 weeks 0 0 0	)
3 wks-1 month 1 1 (	)
1-2 months	
2-3 months 0 0 0	)
3-6 months 9 6 9	
6-9 months	)
9-12 months	,
1 year13 8 5	)
2 years 0 () C	)
3 years 2 1 1	
4 years 1 0 1	
5-9 years 3 1 2	,
10-14 years 2 1 1	
15-19 years 2 2 0	)
20-24 years	
25-29 years	)
30-34 years 12 5 7	,
35-39 years 8 1 7	,
40-44 years	,
45-49 years 8 3 5	,
50-54 years	
55-59 years 9 6 3	,
60-6)4 years14 8 6	3
65-69 years 9 5 4	
70-74 years	,
75-79 years 5 4 1	
80-84 years	)
85-80 years 1 1 0	)
90-04 years 0 0 (	)
95-99 years 0 0 (	)
100+ 0 0	)
Unknown 0 0	)
Total	1

#### DEATHS BY WARDS

1	20
2	41
3	18
4	17
5	13
6	21
7	7
8	39
9	16

#### HOSPITALS

City Hospital1	6
Union Hospital 1	7
St. Anne's Hospital	6
Bay View Hospital1	0
Contagious Hospital	1
Truesdale Hospital	2

#### STILL BIRTHS

Males	1	1
Females		4
Unknown		
Total	1	ō

#### NATIVITY

Fall River	95
Massachusetts	. 8
Other States	17
Ireland	12
Canada	24
England	.19
Scotland	. 1
Rumania	
Azores	. 6
Austria	2
Finland	
Syria	6
Russia	2
Portugal	. 2
Italy	
Poland	1

Unknown .....

#### CEMETERIES

Oak Grove	34
North Burial Ground	12
St. John's	š
St. Mary's	
St. Patrick's	
Notre Dame	78
St. Mary's (Polish)	
Jesus Marie Convent Tomb	
Nwoo Hill	2
Our Lady of Light	2
Agedas Aham	
Sent away for interment	8
Brought here for interment	26
Diought here for the toldier	M O
Diought here for investment again	
SEX	
SEX	
SEX Male	111
SEX	111
SEX Male	111
SEX Male Female COLOR	111
SEX Male Female COLOR White	11181
SEX Male Female COLOR	11181
SEX Male Female COLOR White	11181

# Divorced 1 Unknown 0 There were 182 cases of contagious diseases

reported for Apr. viz·	
Diphtheria	10
Scarlet Fever	
Typhoid Fever	
Tuberculosis of Lungs	33
Tuberculosis, Other Forms.	5
Whooping Cough	
Measles	
Septie Sore Throat	1
Ophthalmia Neonatorum	10
Suppurative Conjunctivitis	
Chicken Pox	14
Dysentery, Bacillary	
Cerebro-Spinal Meningitis	2
Anterior Poliomyelitis	
Draumonia Lohan	9 77

German Measles .... 7

The following is the number of contagious diseases reported in each ward: 1—33; 2—16; 3—18; 4—19; 5—17; 6—25; 7—6; 8—26; 9—22.

Mumps ....

Estimating the population at 131,358, 192 deaths would give an annual death rate of 17.53 in 1,000.

This is 12 less than last month and 3 less than the same month in 1917.

FRANK L. LARKIN, Secretary

SAMUEL B. MORRISS, Agent

#### FOR KILLING FLIES.

Formaldehyde and sodium salicylate are two of the best fly poisons, according to the United States Government. They have their advantages for household purposes. They are not a poison to children, they are convenient to handle, their dilutions are simple, they attract flies, and both are superior to arsenic.

A formaldehyde solution of approximately the correct strength may be made by adding three table-spoons of the concentrated formaldehyde solution, commercially known as formalin, to a pint of water. Similarly, the proper concentration of sodium salicylate may be obtained by dissolving three table-spoonfuls of the pure chemical to a pint of water.

A container has been found convenient for automatically keeping the solution always available for flies to drink. An ordinary thin-walled drinking glass is filled or partly filled with the solution. A saucer or small plate, in which is placed a piece of white blotting paper the size of the dish, is put bottom up over the glass. The whole is then quickly inverted, a match placed under the edge of the glass, and the container is ready for use. As the solution dries out of the saucer the liquid seal at the edge of the glass is broken and more liquid flows into the lower receptacle. Thus the paper is always kept moist.

### THE SANITARY DANGERS FROM DOMESTIC PETS.

A report on an epidemic of virulent smallpox in one of the southwestern states, submitted to the Surgeon General of the Public Health Service by one of the officers of that corps, sets forth with renewed emphasis the role that domestic pets may play in the transmission of disease, especially among children. The instance cited was that of a fatal case of smallpox in an infant in arms. The nearest case of the disease was in a house a block or so distant, and although the two families had no social relations, this apparently did not deter a dog belonging to the infected family from dividing his attention impartially between the two homes, eating at one place and sleeping at the other.

In no other way could the source of the infection of the baby be explained, than that the dog fondled by the children of the smallpox family carried the virus of the disease to the neighbor's baby. Similar instances have been noted before in connection with smallpox transmission, and cats and dogs both have been incriminated as carriers of plague infected fleas—cases of bubonic plague so contracted having been observed by Public Health Service officers working in recent plague epidemics. The same household pets also have been charged in certain instances with the responsibility of carrying the infection of diphtheria, scarlet fever and other communicable diseases of children, as well as various intestinal parasites.

A disease that annually causes more than 100 deaths in this country is rabies, and the role of domestic animals in spreading this disease is definitely proven, speculation or circumstantial evidence being disearded.

Altogether, therefore, it is perfectly evident that the citizen who keeps domestic pets maintains at the same time a very potential source of danger; a sanitary menace to his own household and to that of his neighbor. While this aspect of the subject applies year in and year out, it may well behoove the city dweller in these times of urgent demand for food conservation to seriously take counsel with himself as to whether he is justified in continuing to keep his dog or his cat, both of which are casual sources of mental annoyance to neighbors, as well as agents for graver potentialities.

CONT	AGIO	US	HOS	SPI	ΓAL	RE	POR	RT 1	FOR	AP.	RIL,	191	8			
	Anterior Poliomyelitis	Cerebro Spinal Meningitis	Chicken Pox	Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	Septic Sore Throat	Suppurative Conjunctivitis	Typhoid Fever	Whooping Cough	Syphilitic	Fotal
Patients admitted	*****	1	1	3		2	****	999112		3			*****	3	1	14
Termination { Recovery		****	1	3	*****	2	*****	*****	*****	3	*****	103.0	*****	3	î	13
1 ermination \ Death	****	1	10000	*****	****	40000	****	0000	*****	****	****	966 mg	*****	****	****	1
	TOT	AL C	ASES	IN	THE	CIT	ΓY F	OR A	APRIL	, <b>1</b> 91	8.					
Cases reported	****	2	14	10	*****	18	12	10	37	6		6	8	13	20000	136
Deaths	*****	2	*****		*****	Newson	*****	*****	7	*****	.0050	*****	3	*****	00000	12



Hall River, Mass.

### MONTHLY BULLETIN

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VOL. II. JUNE, 1918

NO. 6

# Mortality for the Month of May, 1918. After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.

			. Ondoo of Donney Goods anternational Doc		, 2005.
	I-GENERAL DISEASES.	1 70	Charas		VII—THE PUERPERAL STATE.
		72		134	Accidents of Pregnancy
9	Typhoid Fever	74		135	Puerperal Haemorrhage
3	Typhus Fever	75		136	Other Accidents of Labor
4	Relapsing Fever 1	76		137	Puerperal Septicæmia
5	Smallpox			138	Puerperal Albuminuria and Convulsions
6	Measles	111	-DISEASES OF THE CIRCULATORY	139	Puerperal Phlegmasia Alba Dolens, em-
7	Scarlet Fever	1	SYSTEM.		bolus, Sudden Death
8	Whooping Cough 2	77	Pericarditis	140	Following Childbirth (not otherwise de-
9	Diphtheria and Croup 3	78	Acute Endocarditis		fined)
10	Influenza	79	Organic Diseases of Heart 18	141	Puerperal Diseases of the Breast
11	Miliary Fever	80	Angina Pectoris	VIII	-DISEASES OF THE SKIN AND O
12	Asiatic Cholera	81	Diseases of the Arteries, Atheroma,		THE CELLULAR TISSUE.
13	Cholera Nostras	82	Aneurysm, etc	142	
14	Dysentery	83	Diseases of Veins (varices, haemorrhoids,	143	Gangrene
15	Plague	00	phlebitis, etc)	144	Acute Abscess
16 17	Yellow Fever	84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa
18	Leprosy	"	gitis, etc	_	
19	Other Enidemic Diseases	85	Haemorrhage; Other Diseases of the	1X-	DISEASES OF THE BONES AND O
20	Other Epidemic Diseases Purulent Infection and Septicæmia		Circulatory System	1	THE ORGANS OF LOCOMOTION.
21	Glanders			146	Diseases of the Bones (Tuberculosis
22	Anthrax	IV-	-DISEASES OF THE RESPIRATORY	1.0	Excepted)
23	Rabies		SYSTEM.	147	Diseases of the Joints (Tuberculosis and
24	Tetanus	86	Diseases of Nasal Fossae		Rheumatism Excepted)
25	Mycoses	87	Diseases of Larynx	148	Amputations
26	Pellagra	88	Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-
27	Beriberi	89	Acute Bronchitis 6		motion
28	Tuberculosis of the Lungs18	90	Chronic Bronchitis 2		X-MALFORMATIONS.
29	Acute Miliary Tuberculosis	91	Bronchopneumonia 4	150	
30	Tuberculous Meningitis 2	92	Pneumonia 4	150	Congenital Malformation (Still births
31	Abdominal Tuberculosis	93	Pleurisy 1		not Included)
32	Pott's Disease	94	Pulmonary Congestion, Pulmonary	XI	-DISEASES OF EARLY INFANCY.
33	White Swellings	0.5	Apoplexy		
34	Tuberculosis of other Organs	95	Gangrene of the Lung	151	Congenital Debility Icterus and Sclerema
35	Disseminated Tuberculosis	96	Asthma	a b	Premature Birth 10
36 37	Rickets	97 98	Pulmonary Emphysema	152	Other Diseases Peculiar to Early Infancy
38	Syphilis Gonococcus Infection	30	Other Diseases of Respiratory System (Tuberculosis Excepted)	153	Lack of Care
39	Cancer and other Malignant Tumors of			100	
00	the Buccal Cavity	V-	-DISEASES OF THE DIGESTIVE SYS-		XII-OLD AGE.
40	Cancer and other Malignant Tumors of	}	TEM.	154	Senility
	the Stomach, Liver 6	99	Diseases of the Mouth and Annexa		WIII DUMDDALAT GATIODO
41	Cancer and other Malignant Tumors of	100	Diseases of the Pharynx		XIII—EXTERNAL CAUSES.
	the Peritoneum, Intestines, Rectum 2	101	Diseases of the Oesophagus	155	Suicide by Poison
42	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	156	Suicide by Asphyxia
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44	Cancer and other Malignant Tumors of	105	Diarrhoea and Enteritis (2 years and over) 2	160	Suicide by Cutting or Piercing Instru-
AF	the skin	106	Ankylostomiasis	101	ments.
45	Cancer and other Malignant Tumors of	107	Intestinal Parasites	161	Sucide by Jumping from a High Place
	other organs and of organs not specified	108	Appendicitis and Typhlitis	162 163	Suicide by Crushing. Other Suicides
46	Other Tumors (Tumors of the female			164	Poisoning by Food
10	genital organs excepted)	110	Other Diseases of the Intestines	165	Other Acute Poisonings
47	Acute Articular Rheumatism 1	112	Hydatid Tumor of the Liver	166	Conflagration
48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	167	Burns (Conflagration Excepted)
49	Scurvy	114	Biliary Calculi	168	Absorption of Deleterious Gases (Con-
50	Diabetes 1	115	Other Diseases of the Liver		flagration Excepted)
51	Exophthalmic Goitre	116	Diseases of the Spleen	169	Accidental Drowning
52	Addison's Disease	117	Simple Peritonitis (nonpuerperal)	170	Traumatism by Firearms
53	Leuchæmia	118	Other Diseases of the Digestive System	171	Traumatism by Cutting or Piercing In-
54	Anæmia, Chlorosis		Cancer and Tuberculosis Excepted	170	struments
55 56	Other General Diseases	VI.	NONVENEREAL DISEASES OF THE	172	Traumatism by Fall
56 57	Alcoholism (Acute or Chronic)	V 1 ~		173	Traumatism in Mines and Quarries
58	Other Chronic Occupation Poisonings		GENITO-URINARY SYSTEM AND	174	Traumatism by Machines
59	Other Chronic Occupation Poisonings Other Chronic Poisonings		ANNEXA.	175	Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.)
	Other Chronic Polonings	119	Acute Nephritis	176	Injuries by Animals
I-r	ISEASES OF THE NERVOUS SYSTEM	120	Bright's Disease11	177	Starvation
		121	Chyluria	178	Excessive Cold
AI	ND OF THE ORGANS OF SPECIAL	122	Other Diseases of the Kidneys and	179	Effects of Heat
	SENSE.	107	Annexa	180	Lightning
00	E	123	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis	124	Diseases of the Bladder	182	Homicide by Firearms
61	Simple Meningitis	125	Diseases of the Urethra, Urinary	183	Homicide by Cutting or Piercing In-
61a	Cerebrospinal FeverLocomotor Ataxia	126	Abscess, etc. Diseases of the Prostate	104	struments
62 63a	Anterior Poliomyelitis	127	Nonvenereal Diseases of the Male Geni-	184	Homicide by other Means
<b>63</b> a	Other Diseases of the Spinal Cord		tal Organs	185	Other External Violence
64	Cerebral Haemorrhage, Apoplexy 4	128	Uterine Haemorrhage (nonpuerperal)	186	Other External Violence
65	Softening of Brain	129	Uterine Tumor (noncancerous)		XIV-ILL DEFINED DISEASES.
66	Paralysis Without Specified Cause 1	130	Other Diseases of the Uterus	107	
67	General Paralysis of the Insane 1	131	Cysts and other Tumors of the Ovary	187	Ill Defined Organic Disease
68	Other Forms of Mental Alienation	132	Salpingitis and other Diseases of the	188 189	Sudden Death
69	Epilepsy	4.00	Female Genital Organs	105	Cause of Death not Specified of In-defined
70	Convulsions (nonpuerperal)	13	Nonpuerperal Diseases of the Breast		

#### Females Under 1 day ...... 5 1-2 days ...... 4 2-3 days ...... 1 0 3 days-1 week ...... 2 0 1-2 weeks ...... 0 2-3 weeks ...... 4 n 3 wks-1 month...... 0 0 1-2 months...... 4 2 2-3 months ...... 4 1 3-6 months...... 7 3 6-9 months......10 6 9-12 months...... 4 4 1 year ...... 7 2 years ..... 1 1 3 years ...... 3 1 4 years ..... 0 0 0 5-9 years..... 2 10-14 years ..... 0 0 15-19 years...... 7 20-24 years ...... 4 3 25-29 years ...... 1 1 30-34 years......10 35-39 years ..... 2 1 40-44 years..... 5 4 45-49 years..... 4 50-54 years...... 9 55-59 years...... 7 60-64 years ...... 3 65-69 years.....11 70-74 years.....12 7 75-79 years..... 4 80-84 years ..... 4 2 90-94 years..... 1 0 95-99 years...... 0 0 100+.....0 0 Unknown ..... 0

DEATHS BY AGES

#### DEATHS BY WARDS

1	12
2	22
3	18
4	9
5	8
6	18
7	3
	32
9	23

#### HOSPITALS

City Hospital1	5
Union Hospital	7
St. Anne's Hospital	3
Bay View Hospital	5
Contagious Hospital	2
Truesdale Hospital	1

#### STILL BIRTHS

Males	4
Females	5
Unknown	
Total	9

#### NATIVITY

Fall River 65
Massachusetts 5
Other States14
Ireland12
Canada12
England19
Scotland
Rumania
Azores12
Austria 3
Finland
Syria
Russia
Portugal
Italy1
Poland 1

Unknown....

#### CEMETERIES

21

Oak Grove ...

North Burial Ground 8
St. John's 6
St. Mary's 1
St. Patrick's44
Notre Dame52
St. Mary's (Polish) 2
Jesus Marie Convent Tomb
Nwoo Hill
Our Lady of Light 2
Agedas Aham
Sent away for interment 9
Brought here for interment23

#### SEX

Male	73
Female	72
	-

#### COLOR

White $\dots$		4
Colored	**************************************	1

#### CONDITION

Married	41
Single	75
Widowed	28
Divorced	-{)
Unknown	1

There were 192 cases of contagious diseas

THOSE WORLD TO SOME OF COLUMN PROPERTY OF COLUMN PR	
reported for May viz·	
Diphtheria	12
Scarlet Fever	
Typhoid Fever	
Tuberculosis of Lungs	
Tuberculosis, Other Forms.	4
Whooping Cough	21
Measles	26
Septic Sore Throat	
Ophthalmia Neonatorum	
Suppurative Conjunctivitis	
Chicken Pox	16
Dysentery, Bacillary	
Cerebro-Spinal Meningitis	2
Anterior Poliomyelitis	
Pneumonia, Lobar	11
Mumps	10
German Measles	18

The following is the number of contagious diseases reported in each ward: 1-28; 2-26; 3-14; 4-12; 5-16; 6-28; 7-9; 8-31; 9-28.

Estimating the population at 131,358, 145 deaths would give an annual death rate of 13.24 in 1,000.

This is 47 less than last month and 26 less than the same month in 1917.

FRANK L. LARKIN, Secretary

SAMUEL B. MORRISS, Agent

#### MEDICAL INSPECTION OF SCHOOLS.

The Medical Inspection of Schools was organized and in operation in this city by the Board of Health in 1903, three years before the enactment of the statute requiring all the cities of the Commonwealth to provide for such inspection.

The statute provides that the Board of Education or School Committee shall appoint the Medical Inspectors and supervise the work in all cities except where the work was being performed by the Board of Health at the time of its enactment, consequently Fall River is one of the very few cities in the State in which the work is being performed by physicians appointed by and under the

supervision of the Health Board.

Since its organization the two main purposes of the Medical Inspection of Schools have been the detection of communicable diseases and physical defects. Our controlling idea has been to keep the well children in school by keeping the sick children out. Next in importance is the detection and correction of such correctable physical defects as interfere with the mental and physical development of the child, and for this we are dependent upon the Medical Inspector, (of which there are eight), in co-operation with the school teacher.

These two main ideas are inseparably associated with a number of other things including ventilation, lighting, heating, cleanliness, etc., of the school, personal cleanliness of the pupil with proper living conditions at home including suitable food, habits, discipline, etc., insofar as it is possible to obtain them by educational work through visiting nurses. In this latter work having only two nurses whose time is largely taken up with other work, we have to depend upon the assistance of the nurses of the District Nursing Association, and to this assistance is practically due whatever has been accomplished in this connection. It is well known that no person can be expected to alter the standards of living in another family by one visit or two and therefore it becomes apparent that if this work is to be expected to be performed successfully, we should have at least two nurses who could devote their whole time to the follow-up work of the When it is understood that from the School Inspectors. When it is understood that from the opening of schools last September up to the end of the second term 4541 children have been referred to the parents by the School physicians as requiring medical attention of some sort and that a majority of the parents are so careless or indifferent about their children's future, the need of additional nurses for this work should be realized and provision made for their employment. The realized and provision made for their employment. 4541 children referred to are exclusive of children affected by defective vision or requiring dental treatment.

#### INFANT MORTALITY

The publication of a report by the committee for the reduction of infant mortality of the city of New York on June 24th covering a survey of infant mortality in the cities of the United States for the year 1917, while not

flattering to Fall River, is nevertheless comforting to the extent of showing that much progress in reducing the infant mortality as been accomplished in the last few years, and that Fall River is now much farther from the head of the list. It is certainly interesting to know the cause for the abnormal death rate among infants which prevailed up to a few years ago and to consider how it can be further overcome.

Fall River is a manufacturing city and its population is the most cosmopolitan of any similar city of its size in the country. A great majority of the working class are of foreign birth and it is among this class that we find the greatest infant mortality. Being unfamiliar with the English language and coming from countries where climatic conditions are as different as possible from that of New England and sanitation not taught or enforced, the consequence is naturally to be expected and that it is only by education it can be overcome.

Books and pamphlets upon the subject of infant care and feeding, in every language, are furnished by the State Department of Health and distributed by the employees of the Board of Health and by other agencies; but we find they are not read nor the advice they contain followed out

as it should be.

In consequence of the high wages paid in the mills we find mothers of infants and expectant mothers working when they should be at home looking after the infant or attending some of the prenatal clinics. Mothers are in too much of a hurry to leave their infants to the care of some older children or some old woman equally ignorant or careless of the responsibility placed upon them, often before the child is two weeks old, and it is a common occurrence to find women working in the mills up to within a week of the birth of the infant and sometimes less.

As before stated the only way to overcome this is by education and the best mode of accomplishing this is through the visiting district nurse. Pre-natal and postnatal instruction are very properly the work of physicians and clinics, but to convince a majority of the mothers in the class in which we find the greatest mortality among infants to go to these or consult a physician, it takes the persistent visiting of the nurse who can also confirm and explain the physician's instructions with regard to the care, proper feeding and modification of milk to be given the infant and this can usually be done only through months of weekly or more frequent visits. It is only since the employment of nurses by this department about five years ago that a reduction in the death rate among infants has been noticeable. Within a few months after the employment of the first nurse the services of the District Nursing Association who volunteered to assist the Board were accepted, but even with this assistance if all the district nurses (11) and the Board of Health nurses (2) were detailed to this work alone instead of the small part of their time they are under present conditions enabled to devote to it, the city would have only one nurse to every 10,000 of population, a number far too small considering the importance of the work.

CONT	AGIO	OUS	HO	SPI	TAL	RI	EPO	RT	FOR	M.	AY,	1918				
	Anterior Poliomyelitis	Cerebro Spinal Meningitis	Chicken Pox	Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonatoi um	Pneumonia (Lobar)	Scarlet Fever	Septic Sore Throat	Suppurative Conjunctivitis	Typhoid Fever	Whooping Cough	Syphilitic	Total
Patients admitted	*****	2	****	7	*****	*****	*****	****	*****	4	*****	90000	*****	0000	*****	13
Termination { Recovery Death	00000	2	10200	5	****	80.00	****	*****	*****	4	00000	900 to	****	*****	****	11
Death ( Death	*****	*****	*****	2	*****	*****	****	****	****	*****	*****	*****	*****	****		2
	TOT	'AL (	CASES	IN	THE	CI	TY I	FOR	MAY,	1918	3.					
Cases reported		2	16	12	*****	44	10	6	11	9	*****	20000	11	21	*****	142
Deaths	*****		*****	3	*****	*****	*****	*****	4	*****	.0000	*****	00000	2	****	9



Fall River, Mass.

## MONTHLY BULLETIN

Locute on the bound of lane. Date

-OF THE-

## BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

VOL. II.

JULY, 1918

NO. 7

## Mortality for the Month of June, 1918.

	After the Bertifon Classines		Causes of Deaths, Second International Dec		
	I-GENERAL DISEASES.	72	Chorea		VII—THE PUERPERAL STATE.
1	Typhoid Fever	73	Neuralgia and Neuritis	134	Accidents of Pregnancy
2	Typhus Fever	74	Other Diseases of Nervous System 1	135	Puerperal Haemorrhage
3	Relapsing Fever	75	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor
4	Malaria	76	Diseases of the Ears	137	Puerperal Septicæmia
5	Smallpox	777		138	Puerperal Albuminuria and Convulsions
6	Measles 2	111-	-DISEASES OF THE CIRCULATORY	139	Puerperal Phlegmasia Alba Dolens, em-
7	Scarlet Fever		SYSTEM.		bolus, Sudden Death
8	Whooping Cough	77	Pericarditis	140	Following Childbirth (not otherwise de-
9	Diphtheria and Croup	78	Acute Endocarditis		fined)
10	Influenza	79	Organic Diseases of Heart 13	141	Puerperal Diseases of the Breast
11	Miliary Fever	80	Angina Pectoris	37111	-DISEASES OF THE SKIN AND OF
12	Asiatic Cholera	81	Diseases of the Arteries, Atheroma,	V 111	
13	Cholera Nostras		Aneurysm, etc 3		THE CELLULAR TISSUE.
14	Dysentery	82	Embolism and Thrombosis 1	142	Gangrene
15	Plague	83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle
16	Yellow Fever		phlebitis, etc)	144	Acute Abscess
17	Leprosy	84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa
18	Erysipelas		gitis, etc	IX-	DISEASES OF THE BONES AND OF
19	Other Epidemic Diseases	85	Haemorrhage; Other Diseases of the		THE ORGANS OF LOCOMOTION.
20	Purulent Infection and Septicæmia		Circulatory System		
21	Glanders	137	DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis
22	Anthrax	10-			Excepted)
23	Rabies		SYSTEM.	147	Diseases of the Joints (Tuberculosis and
24	Tetanus	86	Diseases of Nasal Fossae		Rheumatism Excepted)
25	Mycoses	87	Diseases of Larynx	148	Amputations
26	Pellagra	88	Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-
27	Beriberi	89	Acute Bronchitis 4		motion
28	Tuberculosis of the Lungs	90	Chronic Bronchitis		X-MALFORMATIONS.
29	Acute Miliary Tuberculosis 1	91	Bronchopneumonia 1	150	Congenital Malformation (Still births
30	Tuberculous Meningitis 1	92	Pneumonia	.00	not Included)
31	Abdominal Tuberculosis	93	Pleurisy		***************************************
32	Pott's Disease	94	Pulmonary Congestion, Pulmonary	XI	-DISEASES OF EARLY INFANCY.
33	White Swellings Tuberculosis of other Organs	05	Apoplexy	151	Congenital Debility Icterus and Sclerema 2
34	Disseminated Tuberculosis	95 96	Asthma	a	Premature Birth
35 36	Rickets	97	Pulmonary Emphysema	b	Congenital Debility
37	Syphilis 1	98	Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy 1
38	Gonococcus Infection	30	(Tuberculosis Excepted)	153	Lack of Care
39	Cancer and other Malignant Tumors of			100	
00	the Buccal Cavity	V-	-DISEASES OF THE DIGESTIVE SYS-		XII-OLD AGE.
40	Cancer and other Malignant Tumors of		TEM.	154	Senility 1
	the Stomach, Liver 5	99	Diseases of the Mouth and Annexa		WIII THE THE PARTY OF THE PARTY
41	Cancer and other Malignant Tumors of	100	Diseases of the Pharynx		XIII—EXTERNAL CAUSES.
	the Peritoneum, Intestines, Rectum 2	101	Diseases of the Oesophagus	155	Suicide by Poison
42	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	156	Suicide by Asphyxia
	the Female Genital Organs 1	103	Other Diseases of the Stomach (Cancer	157	Suicide by Hanging or Strangulation
43	Cancer and other Malignant Tumors of		Excepted) 1	158	Suicide by Drowning
	the breast	104	Diarrhoea and Enteritis (under 2 years)13	159	Suicide by Firearms
44	Cancer and other Malignant Tumors of	105	Diarrhoea and Enteritis (2 years and over)	160	Suicide by Cutting or Piercing Instru-
	the skin	106	Ankylostomiasis		ments
45	Cancer and other Malignant Tumors of	107	Intestinal Parasites	161	Sucide by Jumping from a High Place
	other organs and of organs not	108	Appendicitis and Typhlitis 1	162	Suicide by Crushing.
4.0	specified.	109	Hernia, Intestinal Obstructions 4	163	Other Suicides
46	Other Tumors (Tumors of the female	110	Other Diseases of the Intestines	164	Poisoning by Food
67	genital organs excepted)	111	Acute Yellow Atrophy of the Liver	165	Other Acute Poisonings
47	Acute Articular Rheumatism	112	Hydatid Tumor of the Liver	166	Conflagration.
48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	167	Burns (Conflagration Excepted)
	Scurvy	114	Biliary Calculi	168	Absorption of Deleterious Gases (Con-
50 51	Diabetes	115	Other Diseases of the Liver	169	flagration Excepted)
52	Addison's Disease	116 117	Diseases of the Spleen	170	Traumatism by Firearms
53	Leuchæmia	118	Other Diseases of the Digestive System 2	171	Traumatism by Cutting or Piercing In-
54	Anæmia, Chlorosis	1.0	Cancer and Tuberculosis Excepted		struments
55	Other General Diseases			172	Traumatism by Fall
56	Alcoholism (Acute or Chronic)	VI-	NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
57	Chronic Lead Poisoning		GENITO-URINARY SYSTEM AND	174	Traumatism by Machines
58	Other Chronic Occupation Poisonings		ANNEXA.	175	Traumatism by other Crushing (Vehi-
59	Other Chronic Poisonings	110			cles, Railroad, Landslides, etc.) 2
		119	Acute Nephritis 2	176	Injuries by Animals
11-1	DISEASES OF THE NERVOUS SYSTEM	120	Bright's Disease	177	Starvation
A)	ND OF THE ORGANS OF SPECIAL	121 122	Other Diseases of the Kidneys and	178	Excessive Cold
		122	Other Diseases of the Kidneys and Annexa	179	Effects of Heat
	SENSE.	123	Calculi of the Urinary Passages	180	Lightning
60	Encephalitis 1	124	Diseases of the Bladder.	181	Electricity (Lightning Excepted)
61	Simple Meningitis	125	Diseases of the Urethra, Urinary	182 183	Homicide by Firearms
61a	Cerebrospinal Fever		Abscess, etc.	100	Homicide by Cutting or Piercing In- struments
62	Locomotor Ataxia	126	Diseases of the Prostate 1	184	Homicide by other Means
63a	Anterior Poliomyelitis	127	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)
b	Other Diseases of the Spinal Cord		tal Organs	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy 8	128	Uterine Haemorrhage (nonpuerperal)	100	
65	Softening of Brain	129	Uterine Tumor (noncancerous)		XIV-ILL DEFINED DISEASES.
66	Paralysis Without Specified Cause	130	Other Diseases of the Uterus	187	Ill Defined Organic Disease
67	General Paralysis of the Insane	131	Cysts and other Tumors of the Ovary	188	Sudden Death
68	Other Forms of Mental Alienation	132	Salpingitis and other Diseases of the	189	Cause of Death not Specified or Ill-defined
69	Convulsions (nonpuerperal)	13	Female Genital Organs		1
70	Language Industrial Control of the C	13	Nonpuerperal Diseases of the Breast		
70 71	Convulsions of Infants		(Cancer Excepted)		

### DEATHS BY AGES Females Under 1 day ...... 2 1-2 days ..... 0 2-3 days ...... 1 3 days-1week...... 3 1-2 weeks ..... 0 2-3 weeks ...... 2 0 3 wks-1 month...... 1 1-2 months ...... 1 0 2-3 months ...... 2 3-6 months...... 3 2 1 year ...... 6 2 years..... 0 0 3 years ..... 0 0 4 years ...... 4 5-9 years...... 2 2 10-14 years...... 0 0 15-19 years..... 0 20-24 years ...... 2 1 25-29 years..... 5 35-39 years ...... 8 3 40-44 years..... 5 3 45-49 years..... 4 50-54 years..... 5 0 55-59 years...... 9 5 60-64 years.....10 65-69 years...... 7 70-74 years......13 5 75-79 years...... 7 4 80-84 years ..... 4 2 85-89 years..... 0 0 90-94 years..... 0 95-99 years..... 0 0 100 + ...... Unknown ..... 0 DEATHS BY WARDS

1	12
2	18
3	18
4	14
5	7
6	16
7	5
8	18
9	7

### HOSPITALS

City Hospital	6					
Union Hospital	7					
St. Anne's Hospital	2					
Bay View Hospital	4					
Contagious Hospital	1					
Truesdale Hospital						

### STILL BIRTHS

Males	4
Females	1
Unknown	
Total	37.67

#### NATIVITY

NATIVITY	
Fall River4	1
Massachusetts	5
Other States	3
Ireland1	2
Canada 18	3
England1	0
Scotland	1
Germany	1
Azores1	2
Austria	1
Finland	
Syria	
Russia	1
Portugal	
Italy	
Poland	
Turkey	1
Unknown	1

### CEMETERIES

Oak Grove19
North Burial Ground
St. John's
St. Mary's
St. Patrick's33
Notre Dame42
St. Mary's (Polish)
Jesus Marie Convent Tomb 1
Nwoo Hill 1
Our Lady of Light 2
Agedas Aham
Sent away for interment
Brought here for interment32

### SEX

Male	54
Female	61

### COLOR

White	.1	1	3
Colored			2

### CONDITION

Married	46
Single	47
Vidowed	21
Divorced	1
Jnknown	0

There were 142 cases of contagious diseases reported for June viz

Diphtheria.

43 3 4 73		å
Scarlet Fever		
Typhoid Fever	1	į
Tuberculosis of Lungs	3	4
Tuberculosis, Other Forms.		9
Whooping Cough	1	į
Measles		
Septic Sore Throat		
Ophthalmia Neonatorum		
Suppurative Conjunctivitis		
Chicken Pox		į

German Measles 5
Cerebro-Spinal Meningitis 1
Anterior Poliomyelitis 1
Pneumonia, Lobar 5
Mumps 13
Gonnorhoea 1

The following is the number of contagious diseases reported in each ward: 1—16; 2—17; 3—26; 4—18; 5—11; 6—15; 7—3; 8—20; 9—16.

Estimating the population at 131,358, 115 deaths would give an annual death rate of 10.50 in 1,000.

This is 30 less than last month and 30 less than the same month in 1917.

FRANK L. LARKIN, Secretary

### REPRESENTATIVE DEMOCRACY'S SUPREME TEST.

Vigilance is the order of the day.

If we are quickly and wisely to adjust our minds and methods to the demands of the hour, we must watch with the keenest intelligence the ebb and flow of the mighty currents that are now disarranging the "established order of things".

The duty of the hour is to convert our civic weaklings into strong aggressive and active patriots, and to enlist them in the

national cause.

It is said that in a western State a sort of a vigilance committee exists in each voting precinct. This committee calls in each citizen and asks what he is doing to help win the war. A record is made, and if he is doing his full part he gets a white card; if he is doing only part of his full duty he receives a blue card. If he is able but is doing nothing he gets a yellow card.

What are you doing to capture and bring into the fold the

yellow card candidates among your acquaintances?

This is a patriotic service in which you can engage with little trouble to yourself and great profit to the nation.

### VENEREAL DISEASES.

Ey regulation adopted and promulgated by the State Department of Health Venereal diseases are not only reportable to the State Department of Health, by number, but when the patient neglects to follow up the treatment prescribed or fails to call upon the physician within a certain time, or according to appointment, the physician is required to again report the case to the State Department this time giving the name and address of the patient. The case is then reported to the local Board who will locate the patient and notify him that unless he immediately procures and follows up treatment until given a clean bill of health by the physician so treating him, he will be interned in some of the local hospitals for treatment until recovery.

An additional section has been added to the above regula-

tions as follows:-

"REGULATION 9. Whenever, in the opinion of the physician reporting the case, because of circumstances or conditions present, the protection of the public health demands immediate action by the local Board of Health, he shall forthwith report the facts as prescribed in Regulation 7 to the State Department of Health which shall, in turn, report the case to the local Board of Health."

Physicians will recognize the importance of carrying out the purposes of this law and are therefore requested to keep the local Board informed of any neglect to follow up treatment by any patient who may have been led to consult him through action of the local Board under the provisions of the State Board's regulation which is to insure the continued treatment of venereal disease cases until they are no longer a menace to society.

### TYPHOID FEVER

Notwithstanding the rules adopted and put in force and precautions taken against the spread of Typhoid fever, there have been more cases reported since the beginning of the year

than there were a year ago.

In addition to the removing of patients to hospitals for treatment whenever there is no attendant available to care for the patient at home who will do no other housework, with other conditions such as a separate room for the care of the patient and a separate water closet for the use of the family, members of every family in which a case occurs, whether taken to the hospital of not, are cautioned to be very careful about constantly washing the hands before cooking, handling food, or

eating. Also the disinfection of all garments or bedding used by, or in connection, with the patient.

Foods eaten in a raw state have very often proved to be the

cause of wide-spread epidemics of typhoid fever.

Unless absolutely sure of the source from which oysters, clams, quahaugs and other shell fish, usually eaten raw, are obtained they should not be partaken of uncooked.

The same applies to all fruits and vegetables that may be eaten raw. These should be either peeled or thoroughly

cleansed in water before being partaken of uncooked.

The more common vegetables to come under this head are celery, tomatoes, radishes, rareripes, onions, lettuce or cabbage, and water cress. Apples, pears, plums, and berries of all kinds constitute the principal fruits generally eaten in a raw state.

Using cracked ice for the purpose of cooling water or other drinks is a very risky proceeding unless assured of the purity

of the ice.

Persons leaving the city temporarily for a vacation or visiting should exercise great caution about what they eat or

drink particularly milk and water.

To make sure against subsequent cases every member of the family should be vaccinated with the Typhoid fever prophylactic. This is a method used in the United States Armies and other armies throughout the world and has been proven to be the only absolutely effective means to prevent infection from Typhoid fever.

Even the Typhoid fever may not have made its appearance in the house or community, in view of the prevalence of the disease in several sections of the city, it is exceedingly wise for every man and his family to take this means of protection. The prophylactic is furnished the physicians by this office free of charge and if a person cannot afford to engage a physician to perform the vaccination and wishes to have the prophylactic given, the Board of Health will furnish a doctor who will give the treatment free of charge. In conclusion it may be affirmed that its use is safe, causes no discomfort and is an absolute protection against Typhoid fever.

### A TRIBUTE TO THE FLAG

Here's to the Red of it— There's not a thread of it, No: nor a shred of it In all the spread of it, From foot to head

From foot to head, But heroes bled for it, Faced steel and lead for it, Precious blood shed for it,

Bathing it red.
Here's to the White of it—
Thrilled by the sight of it—
Who knows the right of it
But feels the might of it

Through day and night? Womanhood's care for it Made manhood dare for it. Purity's prayer for it

Kept it so white.
Here's to the Blue of it—
'Heavenly view of it,
Star-spangled hue of it,
Honesty's hue of it,
Constant and true.

Here's to the whole of it, Stars, stripes and pole of it; Here's to the soul of it— Red, White and Blue.

New Britain (Conn.) Herald.

### CONTAGIOUS HOSPITAL REPORT FOR MAY, 1918

	Anterior Poliomyelitis	Cerebro Spinal Meningitis	Chicken Pox	Diphtheria	Malaria	Measies	Mumps	Ophthalmia Neonatoi um	Pneumonia (Lobar)	Scarlet Fever	Septic Sore Throat	Suppurative Conjunctivitis	Typhoid Fever	Whooping Cough	Syphilitic	Gonowhea	Fotal	
Patients admitted	*****	1		2	*****	*****	*****	*****	00000	4	*****	50000	1	1	200.00		9	
Termination { Recovery Death		1	*****	2	*****		*****	*****	*****	4	*****	*****	1	1	****	****	9	
Death	****		*****	*****	90009	****	****	****	*****	****	*****	******	*****	*****	****	*****		
	7	TOTA	AL (	CASES	IN	THE	CIT	Y FO	OR M	IAY,	1918							
Cases reported	1	1	7	8		22	13	10	5	7		900 v tr	16	16	*****	1	107	
Death		*****	*****	*****	*****	2									1	_	3	



# Fall River, Mass.

## MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

VOL. II. AUGUST, 1918 NO. 8

## Mortality for the Month of July, 1918.

	After the Dertifion Classifica	инон с	r Causes or Deaths, Second International Dec	T T	Revision, Paris, 1909.
	I-GENERAL DISEASES.	72	Chorea		VII—THE PUERPERAL STATE.
1		73	Neuralgia and Neuritis	134	Accidents of Pregnancy
9	Typhoid Fever	74	Other Diseases of Nervous System	135	Puerperal Haemorrhage
3	Typhus Fever	75	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor
4	Relapsing Fever	76	Diseases of the Ears	137	Puerperal Septicæmia
5	Malaria Smallpox			138	Puerperal Albuminuria and Convulsions
6	Measles 1	111-	-DISEASES OF THE CIRCULATORY	139	Puerperal Phlegmasia Alba Dolens, em-
7	Scarlet Fever		SYSTEM.		bolus, Sudden Death
8	Whooping Cough 4	77	Pericarditis	140	Following Childbirth (not otherwise de-
9	Diphtheria and Croup	78	Acute Endocarditis		fined)
10	Influenza	79	Organic Diseases of Heart 14	141	Puerperal Diseases of the Breast
11	Miliary Fever	80	Angina Pectoris 1	37111	-DISEASES OF THE SKIN AND OF
12	Asiatic Cholera	81	Diseases of the Arteries, Atheroma,	V 111	
13	Cholera Nostras		Aneurysm, etc 6		THE CELLULAR TISSUE.
14	Dysentery 1	82	Embolism and Thrombosis	142	Gangrene 1
15	Plague	83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle
16	Yellow Fever		phlebitis, etc)	144	Acute Abscess
17	Leprosy	84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa
18	Erysipelas	0.5	gitis, etc	IX-	DISEASES OF THE BONES AND OF
19	Other Epidemic Diseases	85	Haemorrhage; Other Diseases of the		THE ORGANS OF LOCOMOTION.
20	Purulent Infection and Septicæmia		Circulatory System		THE ORGANS OF LOCOMOTION.
21	Glanders	T37 -	DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis
22	Anthrax	10-			Excepted) 1
23	Rabies	1	SYSTEM.	147	Diseases of the Joints (Tuberculosis and
24	Tetanus	86	Diseases of Nasal Fossae	140	Rheumatism Excepted)
25	Mycoses	87	Diseases of Larynx	148	Amputations
26	Pellagra 1	88	Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-
27	Beriberi	89	Acute Bronchitis 2		motion
28	Tuberculosis of the Lungs	90	Chronic Bronchitis		X-MALFORMATIONS.
29	Acute Miliary Tuberculosis	91	Bronchopneumonia 1	150	Congenital Malformation (Still births
30	Tuberculous Meningitis	92	Pheumonia	-00	not Included)4
31	Abdominal Tuberculosis 1	93	Pleurisy		20014004/
32	Pott's Disease	94	Pulmonary Congestion, Pulmonary	X	I-DISEASES OF EARLY INFANCY.
33	White Swellings	05	ApoplexyGangrene of the Lung	151	Congenital Debility Icterus and Sclerema 1
34	Tuberculosis of other Organs	95		a	Premature Birth
35 36	Rickets	96 97	Asthma	b	Congenital Debility
37	Syphilis 1	98	Pulmonary Emphysema Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy 2
38	Gonococcus Infection	90	(Tuberculosis Excepted)	153	Lack of Care
39	Cancer and other Malignant Tumors of			100	
00	the Buccal Cavity	V-	-DISEASES OF THE DIGESTIVE SYS-		XII-OLD AGE.
40	Cancer and other Malignant Tumors of		TEM.	154	Senility 1
	the Stomach, Liver 4	99	Diseases of the Mouth and Annexa 1		
41	Cancer and other Malignant Tumors of	100	Diseases of the Pharynx		XIII—EXTERNAL CAUSES.
••	the Peritoneum, Intestines, Rectum 2	101	Diseases of the Oesophagus	155	Suicide by Poison
42	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	156	Suicide by Asphyxia 1
	the Female Genital Organs 1	103	Other Diseases of the Stomach (Cancer	157	Suicide by Hanging or Strangulation
43	Cancer and other Malignant Tumors of		Excepted)	158	Suicide by Drowning
	the breast 1	104	Diarrhoea and Enteritis (under 2 years)75	159	Suicide by Firearms
44	Cancer and other Malignant Tumors of	105	Diarrhoea and Enteritis (2 years and over) 5	160	Suicide by Cutting or Piercing Instru-
	the skin	106	Ankylostomiasis		ments.
45	Cancer and other Malignant Tumors of	107	Intestinal Parasites	161	Sucide by Jumping from a High Place
	other organs and of organs not	108	Appendicitis and Typhlitis 2	162	Suicide by Crushing.
• •	specified1	109	Hernia, Intestinal Obstructions	163	Other Suicides
46	Other Tumors (Tumors of the female	110	Other Diseases of the Intestines	164	Poisoning by Food
8.00	genital organs excepted)	111	Acute Yellow Atrophy of the Liver	165	Other Acute Poisonings
47	Acute Articular Rheumatism	112	Hydatid Tumor of the Liver	166	Conflagration
48	Chronic Rheumatism and Gout 2	113	Cirrhosis of the Liver	167	Burns (Conflagration Excepted) 1
49 50	Scurvy	114	Biliary Calculi	168	Absorption of Deleterious Gases (Con-
51	Diabetes 1 Exophthalmic Goitre	115 116	Other Diseases of the Liver	169	flagration Excepted) 1
52	Addison's Disease	117	Diseases of the Spleen	170	Accidental Drowning Traumatism by Firearms
53	Leuchæmia	118	Other Diseases of the Digestive System	171	Traumatism by Cutting or Piercing In-
54	Anæmia, Chlorosis	110	Cancer and Tuberculosis Excepted		struments
55	Other General Diseases		2 Moopted	172	Traumatism by Fall
56	Alcoholism (Acute or Chronic)	VI-	NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
57	Chronic Lead Poisoning		GENITO-URINARY SYSTEM AND	174	Traumatism by Machines 1
58	Other Chronic Occupation Poisonings		ANNEXA.	175	Traumatism by other Crushing (Vehi-
59	Other Chronic Poisonings				cles, Railroad, Landslides, etc.)
		119	Acute Nephritis	176	Injuries by Animals
II-D	ISEASES OF THE NERVOUS SYSTEM	120	Bright's Disease 5	177	Starvation
AT	ND OF THE ORGANS OF SPECIAL	121 122	Chyluria	178	Excessive Cold
211		122	Other Diseases of the Kidneys and	179	Effects of Heat
	SENSE.	123	AnnexaCalculi of the Urinary Passages	180	Lightning.
60	Encephalitis	124	Diseases of the Bladder	181	Electricity (Lightning Excepted)
61	Simple Meningitis	125	Diseases of the Urethra, Urinary	182	Homicide by Firearms
61a	Cerebrospinal Fever	, 20	Abscess, etc.	183	Homicide by Cutting or Piercing In- struments
62	Locomotor Ataxia 1	126	Diseases of the Prostate	184	Homicide by other Means
<b>63</b> a	Anterior Poliomyelitis	127	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)
b	Other Diseases of the Spinal Cord		tal Organs	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy 4	128	Uterine Haemorrhage (nonpuerperal)	-00	
65	Softening of Brain 1	129	Uterine Tumor (noncancerous)		XIV-ILL DEFINED DISEASES.
66	Paralysis Without Specified Cause	130	Other Diseases of the Uterus 1	187	Ill Defined Organic Disease
67	General Paralysis of the Insane	131	Cysts and other Tumors of the Ovary 1	188	Sudden Death
68	Other Forms of Mental Alienation	132	Salpingitis and other Diseases of the	189	Cause of Death not Specified or Ill-defined 1
69	Convulsions (nonpuerperal)	13	Female Genital Organs		The state of the s
70 71	Convulsions (nonpuerperal)	10	Vonpuerperal Diseases of the Breast (Cancer Excepted)		
	400		(onner antopical)	Т	OTAL DEATHS 197

### DEATHS BY AGES

Total	Males	Female
Under 1 day 6	#	2
1-2 days 2	1	1
2-3 days 0	0	0
3 days-1week 2	0	2
1-2 weeks 1	1	0
2-3 weeks 1	1	0
3 wks-1 month	1	1
1-2 months11	6	5
2-3 months	9	4
3-6 months24	13	11
6-9 months13	9	4
9-12 months11	4	7
1 year16	8	8
2 years 4	2	2
3 years 3	0	3
4 years 2	1	1
5-9 years 4	2	2
10-14 years 3	1	2
15-19 years 7	3	4
20-24 years 4	1	3
25-29 years 3	1	2
30-34 years 6	4	2
35-39 years 6	2	4
40-44 years 6	2	4
45-49 years 1	1	0
50-54 years 5	4	1
55-59 years 6	3	3
60-64 years 5	2	3
65-69 years11	7	4
70-74 years 8	2	6
75-79 years 6	2	4
80-84 years 3	1	2
85-89 years 2	2	0
90-94 years 0	0	0
95-99 years 0	0	0
100+	0	0
Unknown 0	0	0
Total 197	100	97

### DEATHS BY WARDS

1	23
2	29
3	39
4	17
5	10
6	35
7	4
8	23
9	17

### HOSPITALS

City Hospital 10	0
Union Hospital (	ô
St. Anne's Hospital	4
Bay View Hospital	6
Contagious Hospital	2
Truesdale Hospital	2

### STILL BIRTHS

Males	8
Females	3
Unknown	
Total1	1

### NATIVITY

Fall River12
Massachusetts
Other States
Ireland1
Canada14
England
Scotland
Germany
Azores
Austria
Finland
Syria
Russia
Portugal
Italy
Poland
Turkey
X T 1

### CEMETERIES Oak Grove \_\_\_\_\_13

North Burial Ground14
St. John's 5
St. Mary's 2
St. Patrick's47
Notre Dame94
St. Mary's (Polish) 2
Jesus Marie Convent Tomb
Nwoo Hill
Our Lady of Light 6
Agedas Aham
Sent away for interment14
Brought here for interment22
CATATA

### SEX

Male1	UU	
Female	97	
	ARREST .	

### COLOR

White	 	 1	97
Colored	 **************	 	

### CONDITION

Married	
Single141	
Widowed 21	
Divorced 0	
Unknown 0	

There were 154 cases of contagious disease
reported for June viz·
Diphtheria1
Scarlet Fever
Typhoid Fever 20
Tuberculosis of Lungs3
Tuberculosis, Other Forms
Whooping Cough2
Measles2
Malaria
Ophthalmia Neonatorum
Suppurative Conjunctivitis
Chicken Pox
German Measles
Cerebro-Spinal Meningitis
Syphilis
Pneumonia, Lobar
Mumps
Gonorrhea

Dysentery (Bacillary)

The following is the number of contagious diseases reported in each ward: 1-27; 2-15; 3-42; 4-16; 5-7; 6-13; 7-1; 8-9; 9-24.

Estimating the population at 131,358, 197 deaths would give an annual death rate of 17.99 in 1,000.

This is 82 more than last month and 63 more than the same month in 1917.

FRANK L. LARKIN, Secretary

### PRENATAL WORK.

THE HEALTH BULLETIN publishes in this issue the following advice for the benefit of future mothers.

Motherhood is a natural function and if proper precautions be taken, no risk to life is incurred and there should be no cause for anxiety.

It is most important that your physician be made acquainted with your condition and that you should get him to examine your urine once a month. If you cannot afford to consult a physician, go to a special clinic, a dispensary or to a hospital where you can get any advice you need. There are two or more in the city which you can learn of by inquiry at the Board of Health Office. If you should become unwell before the anticipated time, your should immediately go to bed and call in a physician.

While carrying your child you require more sleep and quiet than you do in ordinary times.

The hygiene of the home must be well attended to and the house be kept scrupulously clean and well aired. During summer the windows should be kept open day and night and in winter the house should be ventilated as often as the temperature will allow.

### WATER

Everywhere there is an abundant supply of water which should be used liberally. Drink freely every day in order to purify your blood. The water should be taken between meals and in the morning and evening. At meals drink a little weak tea or coffee, but avoid beer or alcholic drinks.

#### EXERCISE

Housework is the best exercise providing it is not too laborious, and that lifting heavy weights is avoided. Outdoor walking, when one's occupation permits it, is to be recommended

### NOURISHMENT

Food must be wholesome and of sufficient quantity. It is not necessary to eat meat more than once a day. Take eggs, milk, vegetables, puree of peas and beans, cereals and fruit. All food must be well cooked because it is then more easily digested and therefore more nourishing.

### CONSTIPATION

The condition of the bowels should be carefully watched and relief be had daily. Eating plenty of ripe fruit and vegetables and drinking water freely is the best means of obviating constipation.

### CLOTHING

The clothing must be warm, light and loose, stockings and underwear should be held up by suspenders; garters and tight belts must be discarded as they impede the free circulation of the blood. The ordinary corset should be replaced by an abdominal band or a special corset.

The baby's clothes should be prepared with care, well laundered and kept apart from other clothes in a place where they may be quickly found.

All the bedding should also be prepared in advance, laundered in boiling water, well-ironed and kept in a clean bag against dust.

### THE PHYSICIAN

The physician should be consulted:-

- (a) If constipation is stubborn.
- (b) If the urine be scanty and highly colored.
- (c) If there is swelling of the feet, legs and hands.
- (d) If there is frequent and prolonged headache and dizziness.

### THE FATHER

The father should give his wife all the comfort that a future mother may require. He should save in order to be in a position to give her the care and attendance she needs; he should see after her health and prevent her from doing too hard work; he should take her to a physician or to a special clinic whenever he finds that anything has gone wrong; in a word, he should interest himself in all that may protect her health and thereby contribute to the health and strength of his coming child.

### BABY HEALTH STATIONS

The child needs constant watching. Many children who were strong at their birth, rapidly lose their strength because their diet is deficient or because the laws of infantile hygiene are neglected.

Welfare stations for the purpose of helping to keep children in good condition have been established in various sections of the city by the District Nursing Association.

There are six of these stations and one is open every day of the week, Sundays excepted. Full information as to the location and day of the week the station in your district will be open, can be obtained from any of the nurses of the District Nursing Association or at the Office of the Board of Health. Every mother should register her baby in one of these stations, as soon as possible after its birth. She will find at these stations competent physicians always ready to give good advice, and devoted nurses well-trained to advise her regarding the numerous cares of infantile hygiene. The child may be alling, losing weight or not gaining as much as it should, it is therefore important to have it weighed and seen by the doctor every week so that he may be in a position to prevent any serious illness that might be threatening. This service can be had free of charge at any of the Welfare Stations.

CO	NTA	GIO	OUS	HOS	SPI	TAL	R	EPO	RT	FO	R JU	JLY,	191	18			
	Anterior Poliomyelitis	Cerebro Spinal Meningitis	Chicken Pox	Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonatoi um	Pneumonia Lobar)	Scarlet Fever	Septic Sore Throat	Suppurative Jonjunctivitis	Cyphoid Fever	Whooping Cough	Syphilis	Gonorrhea Peliagra German Measles	otal
Patients admitted	*****	*****	*****	7	Mg 20-010	*****	*****	depose	*****	2	*****				0,3	0 14 0	9
Termination { Recover	y	*****		5	*****	0	*****	*****	******	2	*****	******		*****	*****	***** ***** *****	7
Death	*****	*****	*****	2	*****	*****	,0000	*8000	****	*****	*****	*****	*****	*****	*****	***** ***** *****	2
		TOT.	AL (	CASES	IN	THE	CI	ГҮ Б	OR	JULY	7. I91	8.					
Cases reported	****	1	6	15	2	21	2	9	5	6	*****	2	20	24	1	2 1	117
Death	*****	*****	****	5	Seaso ,	1	*****		2	*****		*****	1	4	1	1	15



OCT 30 1918

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VOL. II.

SEPT., 1918

NO. 9

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4		72 73	Chorea	134	Accidents of Pregnancy
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10	Influenza	80	Angina Pectoris		
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12	Asiatic Cholera	01	Aneurysm, etc 3		THE CELLULAR TISSUE.
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15	Plague	00	phlebitis, etc)	144	Acute Abscess
16	Yellow Fever	84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa
17	Leprosy	07	gitis, etc.	777 7	
18	Erysipelas	85	Haemorrhage; Other Diseases of the		DISEASES OF THE BONES AND OI
19	Other Epidemic Diseases		Circulatory System	T	THE ORGANS OF LOCOMOTION.
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21	Glanders	IV-	DISEASES OF THE RESPIRATORY	110	Excepted)
22	Anthrax		SYSTEM.	147	Diseases of the Joints (Tuberculosis and
23	Rabies	0.0		121	Rheumatism Excepted)
24	Tetanus	86	Diseases of Nasal Fossae	148	Amputations
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27	Reriberi	89	Acute Bronchitis		
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36	Rickets	98	Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy
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41	Cancer and other Malignant Tumors of	100	Diseases of the Pharynx		XIII—EXTERNAL CAUSES.
	Califer and other mangiant ramore or	100			
		101		155	Suicide by Poison
	the Peritoneum, Intestines, Rectum 1	101	Diseases of the Oesophagus	155 156	Suicide by Poison
42	the Peritoneum, Intestines, Rectum 1 Cancer and other Malignant Tumors of	102	Diseases of the OesophagusUlcer of the Stomach		Suicide by Asphyxia
42	the Peritoneum, Intestines, Rectum 1 Cancer and other Malignant Tumors of the Female Genital Organs		Diseases of the Oesophagus	156	Suicide by Asphyxia
	the Peritoneum, Intestines, Rectum 1 Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of	102 103	Diseases of the Oesophagus	156 157	Suicide by Asphyxia
42	the Peritoneum, Intestines, Rectum 1 Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103	Diseases of the Oesophagus	156 157 158	Suicide by Asphyxia
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42 43 44	the Peritoneum, Intestines, Rectum 1 Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106	Diseases of the Oesophagus	156 157 158 159	Suicide by Asphyxia
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42 43 44	the Peritoneum, Intestines, Rectum 1 Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107	Diseases of the Oesophagus	156 157 158 159 160	Suicide by Asphyxia. Suicide by Hanging or Strangulation Suicide by Drowning Suicide by Firearms. Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place Suicide by Crushing Other Suicides
42 43 44	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast Cancer and other Malignant Tumors of the skin Cancer and other Malignant Tumors of other organs and of organs not specified	102 103 104 105 106 107 108	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place Suicide by Crushing. Other Suicides. Poisoning by Food.
42 43 44 45	the Peritoneum, Intestines, Rectum 1 Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 109	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164 165	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms. Suicide by Cutting or Piercing Instruments. Suicide by Jumping from a High Place. Suicide by Crushing. Other Suicides. Poisoning by Food. Other Acute Poisonings.
42 43 44 45	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 109 110	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164 165 166	Suicide by Asphyxia Suicide by Hanging or Strangulation Suicide by Drowning Suicide by Firearms Suicide by Cutting or Piercing Instruments Sucide by Jumping from a High Place Suicide by Crushing Other Suicides Poisoning by Food Other Acute Poisonings Conflagration
42 43 44 45	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 109 110	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164 165 166 167	Suicide by Asphyxia Suicide by Hanging or Strangulation Suicide by Firearms Suicide by Firearms Suicide by Cutting or Piercing Instruments Sucide by Jumping from a High Place Suicide by Crushing Other Suicides Poisoning by Food Other Acute Poisonings Conflagration Burns (Conflagration Excepted)
42 43 44 45 46 47	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 109 110 111	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164 165 166	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms. Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place Sucide by Crushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Con-
42 43 44 45 46 47 48 49 50	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 109 110 111 112 113 114 115	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164 165 166 167 168	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place. Suicide by Crushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted).
42 43 44 45 46 47 48 49 50 51	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 109 110 111 112 113 114 115	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164 165 166 167 168	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Cutting or Piercing Instruments. Suicide by Jumping from a High Place. Suicide by Crushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning.
42 43 44 45 46 47 48 49 50 51 52	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 109 110 111 112 113 114 115 116	Diseases of the Oesophagus Ulcer of the Stomach Other Diseases of the Stomach (Cancer Excepted)	156 157 158 159 160 161 162 163 164 165 166 167 168	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Firearms Suicide by Cutting or Piercing Instruments. Suicide by Jumping from a High Place. Suicide by Crushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning. Traumatism by Firearms.
42 43 44 45 46 47 48 49 50 51 52 53	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 109 110 111 112 113 114 115	Diseases of the Oesophagus Ulcer of the Stomach Other Diseases of the Stomach (Cancer Excepted)	156 157 158 159 160 161 162 163 164 165 166 167 168	Suicide by Asphyxia. Suicide by Hanging or Strangulation Suicide by Drowning Suicide by Firearms. Suicide by Cutting or Piercing Instruments. Suicide by Lumping from a High Place Suicide by Crushing Other Suicides Poisoning by Food Other Acute Poisonings Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms. Traumatism by Firearms.
42 43 44 45 46 47 48 49 50 51 52 53 54	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 109 110 111 112 113 114 115 116	Diseases of the Oesophagus Ulcer of the Stomach Other Diseases of the Stomach (Cancer Excepted)	156 157 158 160 161 162 163 164 165 166 167 168	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place Sucide by Grushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning. Traumatism by Firearms. Traumatism by Cutting or Piercing Instruments.
42 43 44 45 46 47 48 49 50 51 52 53 54 55	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164 165 166 167 168 169 170	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place. Suicide by Crushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning. Traumatism by Firearms. Traumatism by Cutting or Piercing Instruments. Traumatism by Fall.
42 43 44 45 46 47 48 49 50 51 52 53 54 55 56	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place. Suicide by Crushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning. Traumatism by Firearms. Traumatism by Firearms. Traumatism by Fall. Traumatism in Mines and Quarries.
42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117	Diseases of the Oesophagus Ulcer of the Stomach Other Diseases of the Stomach (Cancer Excepted)	156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171	Suicide by Asphyxia. Suicide by Hanging or Strangulation Suicide by Drowning Suicide by Firearms. Suicide by Firearms. Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place Suicide by Crushing. Other Suicides Poisoning by Food. Other Acute Poisonings Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms. Traumatism by Firearms. Traumatism by Firearms. Traumatism by Fall Traumatism by Fall. Traumatism by Machines
42 43 44 45 46 47 48 49 50 51 52 53 54 55 55 57 58	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place Sucide by Grushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning. Traumatism by Firearms. Traumatism by Firearms. Traumatism by Cutting or Piercing Instruments Traumatism by Fall. Traumatism by Machines. Traumatism by Machines. Traumatism by other Crushing (Vehi-
42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118	Diseases of the Oesophagus	156 157 158 160 161 162 163 164 165 166 167 168 169 170 171	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place Sucide by Grushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning. Traumatism by Firearms. Traumatism by Cutting or Piercing Instruments Traumatism by Fall. Traumatism in Mines and Quarries. Traumatism by Machines. Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.).
42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place. Suicide by Crushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning. Traumatism by Firearms. Traumatism by Firearms. Traumatism by Fall. Traumatism by Fall. Traumatism by Fall. Traumatism by Machines. Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.). Injuries by Animals.
42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 110 111 112 113 114 115 116 117 118 VI—	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place. Suicide by Crushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning. Traumatism by Firearms. Traumatism by Firearms. Traumatism by Fall. Traumatism by Fall. Traumatism by Machines. Traumatism by Machines. Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.). Injuries by Animals. Starvation
42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 109 110 111 112 113 114 115 116 117 118 VI—	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164 165 166 167 168 170 171 172 173 174 175	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms. Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place Suicide by Crushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning. Traumatism by Firearms. Traumatism by Firearms. Traumatism by Fall. Traumatism by Machines. Traumatism by Machines. Traumatism by Other Crushing (Vehicles, Railroad, Landslides, etc.). Injuries by Animals. Starvation. Excessive Cold.
42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 110 111 112 113 114 115 116 117 118 VI—	Diseases of the Oesophagus	156 157 158 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place Sucide by Jumping from a High Place Suicide by Crushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning. Traumatism by Firearms. Traumatism by Firearms. Traumatism by Fall. Traumatism by Machines. Traumatism by Machines. Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.). Injuries by Animals. Starvation. Excessive Cold Effects of Heat.
42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 109 110 111 112 113 114 115 116 117 118 VI—	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164 165 166 167 168 170 171 172 173 174 175	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Firearms Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place. Suicide by Crushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning. Traumatism by Firearms. Traumatism by Firearms. Traumatism by Fall. Traumatism by Fall. Traumatism by Machines. Traumatism by Machines. Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.). Injuries by Animals. Starvation Excessive Cold. Effects of Heat. Lightning
42 43 44 45 46 47 48 49 50 51 52 53 54 55 55 57 58 59	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 VI—	Diseases of the Oesophagus Ulcer of the Stomach Other Diseases of the Stomach (Cancer Excepted)	156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place. Suicide by Crushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning. Traumatism by Firearms. Traumatism by Firearms. Traumatism by Fall. Traumatism by Fall. Traumatism by Machines. Traumatism by Machines. Traumatism by Animals. Starvation Excessive Cold Effects of Heat. Lightning. Electricity (Lightning Excepted)
42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 VI—	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Firearms Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place. Suicide by Crushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning. Traumatism by Firearms. Traumatism by Firearms. Traumatism by Fall. Traumatism by Fall. Traumatism by Machines. Traumatism by Machines. Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.). Injuries by Animals. Starvation Excessive Cold. Effects of Heat. Lightning
42 43 44 45 46 47 48 49 50 51 52 53 54 55 55 57 58 59 811—I	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 109 110 111 112 113 114 115 116 117 118 VI—	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Firearms Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place Suicide by Crushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning. Traumatism by Firearms. Traumatism by Firearms. Traumatism by Fall. Traumatism by Fall. Traumatism by Machines. Traumatism by Machines. Traumatism by Animals. Starvation Excessive Cold. Effects of Heat Lightning Electricity (Lightning Excepted). Homicide by Firearms
42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 HI—I	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 109 110 111 112 113 114 115 116 117 118 VI—	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms. Suicide by Firearms. Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place Suicide by Crushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning. Traumatism by Firearms. Traumatism by Firearms. Traumatism by Fall. Traumatism by Fall. Traumatism by Machines. Traumatism by Machines. Traumatism by Animals. Starvation Excessive Cold. Effects of Heat Lightning. Electricity (Lightning Excepted). Homicide by Firearms. Homicide Discounting Piercing Inserting Excepted.
42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 Al	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 VI—	Diseases of the Oesophagus	156 157 158 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place Sucide by Grushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning. Traumatism by Firearms. Traumatism by Firearms. Traumatism by Cutting or Piercing Instruments Traumatism by Fall. Traumatism by Machines. Traumatism by Other Crushing (Vehicles, Railroad, Landslides, etc.). Injuries by Animals. Starvation. Excessive Cold Effects of Heat Lightning Electricity (Lightning Excepted). Homicide by Firearms Homicide by Cutting or Piercing Instruments
42 43 44 45 46 47 48 49 50 51 52 53 54 55 55 56 57 58 59 11—1 Al	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 110 111 112 113 114 115 116 117 118 VI—	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place. Suicide by Crushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning. Traumatism by Firearms. Traumatism by Firearms. Traumatism by Fall. Traumatism by Fall. Traumatism by Machines. Traumatism by Machines. Traumatism by Animals. Starvation Excessive Cold. Effects of Heat. Lightning Electricity (Lightning Excepted). Homicide by Firearms. Homicide by other Means.
42 43 44 45 46 47 48 49 50 51 52 53 54 55 55 56 57 58 59 11.—I Al	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 110 111 112 113 114 115 116 117 118 VI—	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place Sucide by Jumping from a High Place Suicide by Crushing Other Suicides. Poisoning by Food Other Acute Poisonings. Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Firearms Traumatism by Cutting or Piercing Instruments Traumatism in Mines and Quarries Traumatism by Machines Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.) Injuries by Animals Starvation Excessive Cold Effects of Heat Lightning Electricity (Lightning Excepted) Homicide by Firearms Homicide by Cutting or Piercing Instruments Homicide by other Means. Fractures (Cause not Specified) Other External Violence
42 43 44 45 46 47 48 49 50 51 52 53 54 55 55 57 58 59 811—II All	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 VI—	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Firearms Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place. Suicide by Crushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning. Traumatism by Firearms. Traumatism by Firearms. Traumatism by Fall. Traumatism by Fall. Traumatism by Machines. Traumatism by Machines. Traumatism by Animals. Starvation Excessive Cold. Effects of Heat Lightning. Electricity (Lightning Excepted). Homicide by Firearms Homicide by Cutting or Piercing Instruments. Homicide by Other Means. Fractures (Cause not Specified).
42 43 44 45 46 47 48 49 50 51 52 53 54 55 55 57 58 59 81 61 61 61 62 63 63 64 64	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 109 110 111 112 113 114 115 116 117 118 VI—	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place Sucide by Jumping from a High Place Sucide by Crushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning. Traumatism by Firearms. Traumatism by Fall. Traumatism by Fall. Traumatism by Machines. Traumatism by Machines. Traumatism by Other Crushing (Vehicles, Railroad, Landslides, etc.). Injuries by Animals. Starvation. Excessive Cold Effects of Heat Lightning Electricity (Lightning Excepted) Homicide by Firearms Homicide by Cutting or Piercing Instruments Homicide by Cutting or Piercing Instruments Homicide by Other Means. Fractures (Cause not Specified) Other External Violence.  XIV—ILL DEFINED DISEASES.
42 43 44 45 46 47 48 49 50 51 52 53 54 55 55 55 56 61 61 61 62 62 63 64 64 65 66 66 66 66 66	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 110 111 112 113 114 115 116 117 118 VI—	Diseases of the Oesophagus	156 157 158 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place Sucide by Jumping from a High Place Suicide by Crushing Other Suicides. Poisoning by Food Other Acute Poisonings. Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Firearms Traumatism by Cutting or Piercing Instruments Traumatism in Mines and Quarries Traumatism by Machines Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.) Injuries by Animals Starvation Excessive Cold Effects of Heat Lightning Electricity (Lightning Excepted) Homicide by Firearms Homicide by Cutting or Piercing Instruments Homicide by other Means. Fractures (Cause not Specified) Other External Violence
42 43 44 45 46 47 48 49 50 51 52 53 54 55 55 57 58 59 81 61 61 61 62 63 64 65 66 66 66 67 68	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 110 111 112 113 114 115 116 117 118 VI—	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 180 181 182 183 184 185 186	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place Sucide by Jumping from a High Place Suicide by Crushing Other Suicides. Poisoning by Food Other Acute Poisonings. Conflagration Burns (Conflagration Excepted) Absorption of Deleterious Gases (Conflagration Excepted) Accidental Drowning Traumatism by Firearms Traumatism by Firearms Traumatism by Cutting or Piercing Instruments Traumatism in Mines and Quarries Traumatism by Machines Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.) Injuries by Animals Starvation Excessive Cold Effects of Heat Lightning Electricity (Lightning Excepted) Homicide by Firearms. Homicide by Cutting or Piercing Instruments Homicide by other Means. Fractures (Cause not Specified) Other External Violence  XIV—ILL DEFINED DISEASES. Ill Defined Organic Disease
42 43 44 45 46 47 48 49 50 51 52 53 54 55 55 55 56 61 61 61 62 62 63 64 64 65 66 66 66 66 66	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of the Female Genital Organs Cancer and other Malignant Tumors of the breast	102 103 104 105 106 107 108 110 111 112 113 114 115 116 117 118 VI—	Diseases of the Oesophagus	156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186	Suicide by Asphyxia. Suicide by Hanging or Strangulation. Suicide by Drowning. Suicide by Firearms Suicide by Cutting or Piercing Instruments. Sucide by Jumping from a High Place. Suicide by Crushing. Other Suicides. Poisoning by Food. Other Acute Poisonings. Conflagration. Burns (Conflagration Excepted). Absorption of Deleterious Gases (Conflagration Excepted). Accidental Drowning. Traumatism by Firearms. Traumatism by Firearms. Traumatism by Fall. Traumatism by Fall. Traumatism by Machines. Traumatism by Machines. Traumatism by Machines. Traumatism by Other Crushing (Vehicles, Railroad, Landslides, etc.). Injuries by Animals. Starvation. Excessive Cold. Effects of Heat Lightning. Electricity (Lightning Excepted). Homicide by Firearms. Homicide by Cutting or Piercing Instruments. Homicide by Other Means. Fractures (Cause not Specified). Other External Violence.  XIV—ILL DEFINED DISEASES. Ill Defined Organic Disease Sudden Death

### DEATHS BY AGES

	Total	Males	Femal
Under 1 day	6	4	2
1-2 days	2	2	0
2-3 days	0	0	0
3 days-1week	1	0	1
1-2 weeks	5	5	0
2-3 weeks	3	2	1
3 wks-1 month	1	0	1
1-2 months	8	6	2
2-3 months	7	4	3
3-6 months	25	14	11
6.9 months	13	8	5
9-12 months	9	7	2
1 year	10	4	6
2 years	2	1	1
3 years	1	1	0
4 years	0	0	0
5-9 years	3	3	0
10-14 years	4	3	1
15-19 years	5	3	2
20-24 years	5	0	5
25-29 years	7	2	5
30-34 years	3	2	1
35-39 years	8	5	3
40-44 years	7	3	4
45-49 years	5	1	4
50-54 years	8	4	4
55-59 years	4	1	3
60-64 years	7	2	5
65-69 years	4	2	2
70-74 years	5	4	1
75-79 years	3	1	2
80-84 years	2	0	2
85-89 years	1	1	0
90-94 years	0	0	0
95-99 years	0	0	0
100+	0	0	0
Unknown	4	2	2
Total1	78	97	81

### DEATHS BY WARDS

1	27
2	30
3	28
4	11
5	7
6	22
7	5
8	
9	22

### HOSPITALS

City Hospital1	.0
Union Hospital	7
St. Anne's Hospital	4
Bay View Hospital	4
Contagious Hospital	2
Highland Hospital	1

### STILL BIRTHS

Males	8	
Females	5	
Unknown	****************************	
Total	13	

NATIVITY
Fall River127
Massachusetts 4
Other States14
Ireland 6
Canada 8
England 7
Scotland 1
Germany
Azores
Austria
France
Sweden
Russia
Portugal
Italy
Poland
Turkey
Unknown1

### CEMETERIES

Uak Grove
North Burial Ground13
St. John's 5
St. Mary's2
St. Patrick's51
Notre Dame72
St. Mary's (Polish) 2
Jesus Marie Convent Tomb
Nwoo Hill
Our Lady of Light 5
Agedas Aham
Sent away for interment 5
Brought here for interment22
SEX

Female	81	į
COLOR		

Male

White ... Colored ....

## CONDITION

Married	32
Single1	25
Widowed	
Divorced	1
Unknown	1

There were 185 cases of contagious diseases

reported for August, viz:	
Diphtheria	d
Scarlet Fever	F
Typhoid Fever39	C
Tuberculosis of Lungs28	F
Tuberculosis, Other Forms.	
Whooping Cough 68	
Measles1	
Malaria	]
Ophthalmia Neonatorum	8
Suppurative Conjunctivitis	]
Chicken Pox	5
German Measles	]
Cerebro-Spinal Meningitis	
Syphilis	
Pneumonia, Lobar	2
Mumps	2
Dysentery (Bacillary)	

The following is the number of contagious diseases reported in each ward:

1-38; 2-16; 3-35; 4-25; 5-22; 6-19; 7-5; 8-7; 9-18.

Estimating the population at 131,358, 178 deaths would give an annual death rate of 16.26 in 1,000.

This is 19 less than last month and 23 less than the same month in 1917.

FRANK L. LARKIN, Secretary

# INFLUENZA

## How to Avoid It--How to Care for Those Who Have It

To keep well, keep clean.

Wash your hands before each meal.

Don't go to crowded places.

Avoid the person who sneezes.

Smother your cough in your handkerchief.

Keep out of dirty restaurants.

Warmth is necessary. Be well clothed.

Soda is unnecessary. Why run the risk of infection from a dirty glass?

Safety lies in boiled dishes.

A common towel is only for filthy people.

You wouldn't use my tooth brush. Why use my drinking cup?

Sleep well. Eat well. Play well. DON'T WORRY.

If you feel a sudden chill, followed by muscular pain, head-ache, backache, unusual tiredness and fever go to bed at once.

See that there is enough bed clothing to keep you warm.

Open all windows in your bedroom and keep them open at all times, except in rainy weather.

Take medicine to open the bowels freely.

Take some nourishing food such as milk, egg-and-milk or broth every four hours.

Stay in bed until a physician tells you it is safe to get up.

Allow no one to sleep in the same room.

Protect others by sneezing and coughing into handkerchiefs or cloths, which should be boiled or burned.

Insist that whoever gives you water or food or enters the sick room for any purpose shall wear a gauze mask.

### HOUSEHOLDERS.

Keep out of the sick room unless attendance is necessary.

Do not handle articles coming from the sick room until they are boiled.

Allow no visitors, and do not go visiting.

Call a doctor for all inmates who show signs of beginning

The usual symptoms are: Inflamed and watery eyes, discharging nose, backache, headache, muscular pain, and fever.

Keep away from crowded places, such as "movies," theatres and street cars.

See to it that your children are kept warm and dry, both night and day.

Have sufficient fire in your home to disperse the dampness.

Open your windows at night. If cool weather prevails, add extra bed clothing.

### WORKERS.

Walk to work if possible.

Avoid the person who coughs or sneezes.

Wash your hands before eating.

Make full use of all available sunshine.

Do not use a common towel. It spreads disease.

Should you cough or sneeze, cover nose and mouth with a handkerchief.

Keep out of crowded places. Walk in the open air rather than go to crowded places of amusement.

Sleep is necessary for well-being—avoid over-exertion. Eat good, clean food.

Keep away from houses where there are cases of influenza. If sick, no matter how slightly, see a physician.

If you have had influenza, stay in bed until your doctor says you can safely get up.

### NURSES AND THOSE ATTENDING

### PERSONS ILL WITH INFLUENZA AND PNEUMONIA.

Keep clean. Isolate your patients.

Every person should wear a mask and gown or pinafore while attending a patient sick with influenza or pneumonia. A night-dress over the ordinary clothing will make a good gown if no other is available.

Put on the mask and gown as soon as you enter the room where the patient is and every time you do so, and keep them on until you leave the room.

When about to leave the room take off the mask and gown and leave them near the door.

Change the mask every two hours. Owing to the scarcity of gauze, boil for 1-2 hour and rinse, then use the gauze again.

Wash your hands each time you come in contact with the patient. Use bichloride of mercury, 1-1000, or Liquor Cresol compound, 1-100, for hand disinfection.

Obtain at least seven hours' sleep in each twenty-four hours. Eat plenty of good, clean food.

Walk in the fresh air daily.

Sleep with your windows open.

Insist that the patient cough, sneeze or expectorate into cloths that may be disinfected or burned.

Boil all dishes. Keep patients warm.

### MASKS.

A supply of masks will be furnished to physicians, nurses and all who are called upon to attend patients suffering with influenza or pneumonia.

Physicians are requested to aid in the distribution of these. A supply of masks can be obtained at the Board of Health Office, Red Cross Headquarters and District Nursing Association.

Physicians are requested to leave one or more masks, depending upon the number who will attend patients, when making their calls. Physicians are also requested to instruct attendants as to proper precautions.

### INFLUENZA VACCINE.

The Board of Health is prepared to furnish to physicians the Tufts Laboratory Influenza Vaccine prepared under the supervision of Dr. Timothy Leary.

The vaccine must be used in accordance with the printed instructions.

It is said to be useful for both Prophylaxis and for treatment of persons afflicted with influenza or a consequent pneumonia.

If to be used for prophylaxis it will be furnished to physicians with the distinct understanding that it is to be administered to a person who will be exposed to the disease in attendance upon a patient or in some similar line of duty and that a record will be returned to the Board of Health upon the card furnished for that purpose.

Otherwise the prophylactic inoculation must be done by the Bacteriologist of the Board of Health at this office.

### INJECTIONS FOR PERSONS EXPOSED TO INFLUENZA.

Prophylactic injections with influenza vaccine will be given to nurses, clergymen, doctors, and all persons who are exposing themselves to influenza for the benefit of others. Included as nurses are all people who are nursing influenza at their homes.

The prophylactic may be obtained at the following places and hours: Union Hospital, 9 to 10.30 a.m. St. John's Day Nursery, 11 to 12 a.m. Board of Health, 1 to 2 p.m. Bishop Stang Day Nursery, 5 to 6 p.m. Union Hospital, 7:30 to 8:30 p.m. No charge will be made for injections.

### NOTICE TO PHYSICIANS AND THE PUBLIC.

For the accommodation of the public and to facilitate the business of the Health Department during the present epidemic of Influenza, the office will be kept open every day from 9 a. m. to 10 p. m. Telephone 397. Anytime before or after hours the Agent can be reached by calling telephone 3035. The same will apply to Sunday or legal holidays when the office will be open for business from 10 a. m. to 4 p. m.

### HOSPITAL SERVICE.

Physicians whose patients have not proper facilities for care and treatment at home and desire to go to a hospital should phone the Red Cross, 2314; or the Superintendent of Hospitals, 4030-1697, or Board of Health, 397-3035.

### THE CLOSING OF SCHOOLS, THEATRES, ETC,

At a meeting of the Board of Health held September 26, after discussing the situation, it was voted to adopt the following resolution:

Owing to the abnormal prevalence of Influenza in Fall River for the past 10 days, which seems to be on the increase and which has made its appearance in 26 different states—being epidemic in New England, especially in Massachusetts—and having in mind the proclamation of His Excellency, the Governor, the Board of Health deems it expedient for the protection of the public health to order that all schools, public, parochial and private, as well as all theatres, be closed until further orders. Also that all public assemblages, balls, lectures, and meetings be discontinued; and furthermore that the churches of all denominations, including Sunday schools, be requested to suspend services until otherwise determined.

Restaurant keepers, lunch carts, and all places where food or drink is served are ordered to be very careful about the washing and cleansing of all utensils, table ware and cutlery, including table linen, napkins, etc., which should be changed and thoroughly cleansed in hot water after every service.

Physicians are required to report every case of Influenza or La Grippe that comes within their practice, giving the name, age and address of the patient.

### SALOONS, SODA FOUNTAINS, ETC., REQUESTED TO CLOSE

The following resolution was adopted at meeting of Board of Health held October 1, 1918:

Whereas, the present epidemic is spread by the distribution of a very dangerous germ or microbe principally from the mouth and nose of persons infected by the disease and the gatherings of persons in personal contact and the use of articles used in the consumption of beverages which have been contaminated;

The Board of Health recommends to the Police Commissioners and to all persons engaged in the dispersing of beverages to the public that in the general interest, the public sale of all beverages in saloons, drug stores, ice cream parlors and other places be abolished until the very serious present danger is passed.

This recommendation is made in the hope and belief that all will co-operate for the public good and that it will be unnecessary for this board to issue a formal order to the above effect as it proposes to do if necessary. In this way the gratitude and appreciation of the public will be accorded to those who must suffer a loss of revenue and business for the public good.

During the week after this request was made complaint having reached this office that some soda fountains were not complying, the board at the next meeting changed the request into an order.

This order is not intended to prohibit the sale to a customer of a package containing any quantity of ice cream to be taken home for family use.

The sale and delivery of goods by a wholesale liquor dealer under the terms of his license providing there is no gathering of persons permitted upon the premises coming into personal contact, nor the use of any article in connection with such sale or delivery which may have been contaminated, is not held to be contrary to the resolution of the Board of Health adopted Oct. 1, 1918, nor the order adopted Oct. 7, 1918.

All action taken by the Agent in reference to closing pool rooms, bowling alleys and attendance at funerals, overcrowding in stores, etc.. etc., as published day by day in the daily papers has been ratified by the board.

At a meeting of the Board of Health held Oct. 8, 1918, the following order was adopted:

ORDERED:—That during the period of the epidemic attendance at funerals must be limited to the immediate family of the deceased together with the pastor and such attendants as are absolutely necessary. No public ceremonies will be held either at the house or at church.

Undertakers and newspapers will not publish in death notices the hour of the funeral and there shall be no invitations to funeral services. The number of carriages or automobiles used at funerals shall not exceed those required for the family and necessary attendants.

Cemetery authorities will prohibit the entrance of funeral processions exceeding the above, except that in military funerals the regulation escort will be permitted.

TOTAL	CASES	OF	CON	VTA(	GIOU	S DI	SEA	SES I	NT	HE	CITY	FOR	R AU	GUST	`, <b>I</b> 9	18.	
	Anterior Poliomyelitis	Cerebro Spinal Meningitis	Chicken Pox	Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonatoium	Pneumonia (Lobar)	Scarlet Fever	Septic Sore Throat	Suppurative Conjunctivitis	Typhoid Fever	Whooping Cough	Tetanus	German Measle	Total
Cases reported	***	*****	3	7	1	19	2	8	3	5	10000	1	39	68	89000	1	157
Deaths	*****	00000	***	2	*****	1		*****	2	*****		*****	1	4		*****	10

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Fall River, Mass.

## MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

VOL. II.

OCT., 1918

NO.10

## Mortality for the Month of September, 1918.

	After the Bertillon Classifica	tion o	f Causes of Deaths, Second International Dec	ennial	Revision, Paris, 1909.
	I CENEDAL DISEASES		C)		VII—THE PUERPERAL STATE
	I-GENERAL DISEASES.	72	Chorea	134	Accidents of Pregnancy
1	Typhoid Fever	73	Neuralgia and Neuritis 1 Other Diseases of Nervous System	135	Puerperal Haemorrhage
2	Typhus Fever	75	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor
4	Relapsing Fever	76	Diseases of the Ears	137	Puerperal Septicæmia
5	Malaria			138	Puerperal Albuminuria and Convulsions
6	Smallpox	III-	-DISEASES OF THE CIRCULATORY	139	Puerperal Phlegmasia Alba Dolens, em-
7	Scarlet Fever		SYSTEM.		bolus, Sudden Death
8	Whooping Cough	77	Pericarditis	140	Following Childbirth (not otherwise de-
9	Diphtheria and Croup 1	78	Acute Endocarditis	141	fined)
10	Influenza64	79	Organic Diseases of Heart	141	Puerperal Diseases of the Breast
11	Miliary Fever	80	Angina Pectoris 2	VIII	-DISEASES OF THE SKIN AND O
12	Asiatic Cholera	81	Diseases of the Arteries, Atheroma, Aneurysm, etc		THE CELLULAR TISSUE.
13	Cholera Nostras	82	Embolism and Thrombosis 1	142	Gangrene
14 15	Dysentery	83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle
16	Yellow Fever		phlebitis, etc)	144	Acute Abscess
17	Leprosy	84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa
18	Erysipelas		gitis, etc.	IX-	DISEASES OF THE BONES AND O
19	Other Epidemic Diseases	85	Haemorrhage; Other Diseases of the		THE ORGANS OF LOCOMOTION.
20	Purulent Infection and Septicæmia		Circulatory System		Diseases of the Bones (Tuberculosis
21	Glanders	IV-	DISEASES OF THE RESPIRATORY	146	Excepted)
22	Anthrax		SYSTEM.	147	Diseases of the Joints (Tuberculosis and
23 24	Rabies	86	Diseases of Nasal Fossae		Rheumatism Excepted)
25	Mycoses	87	Diseases of Larynx 1	148	Amputations
26	Pellagra	88	Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-
27	Beriberi	89	Acute Bronchitis 3		motion
28	Tuberculosis of the Lungs21	90	Chronic Bronchitis 1		X-MALFORMATIONS.
29	Acute Miliary Tuberculosis	91	Bronchopneumonia	150	Congenital Malformation (Still births
30	Tuberculous Meningitis	92	Pneumonia 17	-30	not Included)
31 32	Abdominal Tuberculosis Pott's Disease	93 94	Pleurisy Pulmonary Congestion, Pulmonary		
33	White Swellings	34	Apoplexy	X	-DISEASES OF EARLY INFANCY.
34	Tuberculosis of other Organs	95	Gangrene of the Lung	151	Congenital Debility Icterus and Sclerema
35	Disseminated Tuberculosis	96	Asthma 4	a	Premature Birth
36	Rickets 1	97	Pulmonary Emphysema	b	
37	Syphilis	98	Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy
38	Gonococcus Infection		(Tuberculosis Excepted)	153	Lack of Care
39	Cancer and other Malignant Tumors of	V-	-DISEASES OF THE DIGESTIVE SYS-		XII-OLD AGE.
40	the Buccal Cavity		TEM.	154	Senility
10	the Stomach, Liver	99	Diseases of the Mouth and Annexa		XIII-EXTERNAL CAUSES.
41	Cancer and other Malignant Tumors of	100	Diseases of the Pharynx		
	the Peritoneum, Intestines, Rectum 3	101	Diseases of the Oesophagus	155	Suicide by Poison
42	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	156	Suicide by Asphyxia
4.7	the Female Genital Organs	103	Other Diseases of the Stomach (Cancer	157	Suicide by Hanging or Strangulation Suicide by Drowning
43	Cancer and other Malignant Tumors of	104	Excepted)	158 159	Suicide by Firearms
44	Cancer and other Malignant Tumors of	104	Diarrhoea and Enteritis (under 2 years). 34 Diarrhoea and Enteritis (2 years and over) 2	160	Suicide by Cutting or Piercing Instru-
••	the skin	106	Ankylostomiasis		ments.
45	Cancer and other Malignant Tumors of	107	Intestinal Parasites	161	Sucide by Jumping from a High Place
	other organs and of organs not	108	Appendicitis and Typhlitis 2	162	Suicide by Crushing.
8.0	specified	109	Hernia, Intestinal Obstructions 1	163	Other Suicides
46	Other Tumors (Tumors of the female	110	Other Diseases of the Intestines	164 165	Other Acute Poisonings.
47	genital organs excepted)	111 112	Hydatid Tumor of the Liver	166	Conflagration
48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	167	Burns (Conflagration Excepted)
49	Scurvy	114	Biliary Calculi 1	168	Absorption of Deleterious Gases (Con-
50	Diabetes 1	115	Other Diseases of the Liver	100	flagration Excepted)
51	Exophthalmic Goitre	116	Diseases of the Spleen	169 170	Accidental DrowningTraumatism by Firearms
52 53	Addison's Disease	117	Simple Peritonitis (nonpuerperal)	171	Traumatism by Cutting or Piercing In-
54	Anæmia, Chlorosis	110	Cancer and Tuberculosis Excepted		struments
55	Other General Diseases			172	Traumatism by Fall
56	Alcoholism (Acute or Chronic) 1	VI-	NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
57	Chronic Lead Poisoning		GENITO-URINARY SYSTEM AND	174	Traumatism by Machines (Vohi
58	Other Chronic Occupation Poisonings		ANNEXA.	175	Cles, Railroad, Landslides, etc.)
59	Other Chronic Poisonings	119	Acute Nephritis 1	176	Injuries by Animals
II.	ISEASES OF THE NERVOUS SYSTEM	120	Bright's Disease18	177	Starvation
		121	Chyluria	178	Excessive Cold
Al	ND OF THE ORGANS OF SPECIAL	122	Other Diseases of the Kidneys and	179	Effects of Heat
	SENSE.	197	Annexa 1	180	Lightning Wagented
60	Encephalitis	123 124	Calculi of the Urinary Passages Diseases of the Bladder	181	Electricity (Lightning Excepted)
60 61	Simple Meningitis	125	Diseases of the Urethra, Urinary	182 183	Homicide by Firearms
61a	Cerebrospinal rever		Abscess, etc.	100	struments
62	Locomotor Ataxia	126	Diseases of the Prostate	184	Homicide by other Means
<b>63</b> a	Anterior Poliomyelitis	127	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)
b	Other Diseases of the Spinal Cord	100	tal Organs	186	Other External Violence
64 65	Cerebral Haemorrhage, Apoplexy	128 129	Uterine Haemorrhage (nonpuerperal) Uterine Tumor (noncancerous)		XIV-ILL DEFINED DISEASES.
66	Paralysis Without Specified Cause	130	Other Diseases of the Uterus	107	
67	General Paralysis of the Insane	131	Cysts and other Tumors of the Ovary	187	Ill Defined Organic Disease
68	Other Forms of Mental Alignation 1	132	Salpingitis and other Diseases of the	189	Cause of Death not Specified or Ill-defined
69	Epilepsy	17	Female Genital Organs		*
70 71	Convulsions (nonpuerperal)	13	Nonpuerperal Diseases of the Breast (Cancer Excepted)	}	
	1		(	Ί	OTAL DEATHS 26

### DEATHS BY AGES

		les
6.	les	Females
	Ma	
Under 1 day		0
1-2 days		1
2-3 days		0
3 days-1week 3		0
1-2 weeks		1
2-3 weeks	_	2
3 wks-1 month		2
1-2 months		1
2-3 months 8		1
3-6 months		6
6-9 months 6	_	2
9-12 months		6
1 year		11
2 years 4	2	2
3 years 1		0
4 years 1	_	0
5-9 years 5	2	3
10-14 years 4		0
15-19 years 7		2
20-24 years16	7	9
25-29 years	5 14	11
30-34 years	3 14	12
35-39 years19	13	6
40-44 years	5	2
45-49 years12		4
50-54 years11	. 7	4
55-59 years11	. 5	6
60-64 years10	5	5
65-69 years 8	3	5
70-74 years	6	3
75-79 years	9	2
80-84 years 4	2	2
85-89 years	. 0	1
90-94 years 1	0	1
95-99 years(	0	0
100+	0 0	0
Unknown	0 0	0
Total 26	4 151	113

### DEATHS BY WARDS

1	34
2	41
3	24
4	19
5	19
6	29
7	8
8	58
9	32

### HOSPITALS

City E	lospit	ai		***************	17
Union	Hos	pital			24
St. Ar	ne's	Hospital			5
Bay V	View	Hospital	********		7
Conta	gious	Hospital	*******	*4049.20000000000000000000000000000000000	õ
Trues	dale 1	Hospital	**********		2

### STILL BIRTHS

Males	7
Females	7
Unknown	0
Total	14

### NATIVITY

Fall River	135
Massachusetts	17
Other States	16
Ireland	12
Canada	
England	28
Scotland	
Germany	
Azores	
Austria Land	(
France,	
Belgium	
Russia 6 5 5	:
Portugal n	<
Italy	
Syria	
Unknown	

### CEMETERIES

Oak Grove44
North Burial Ground20
St. John's6
St. Mary's 1
St. Patrick's92
Notre Dame72
St. Mary's (Polish)
Jesus Marie Convent Tomb
Nwoo Hill 5
Our Lady of Light 2
Agedas Aham
Sent away for interment18
Brought here for interment47

### SEX

Male	1	5	1
Female	1	1	3
	_		_

### COLOR

White26	4
Colored	()

### CONDITION

Married1	00
Single1	38
Widowed	25
Divorced	1
Unknown	

There were 211 cases of contagious diseases reported for Sept., viz:

Diphtheria 12

2
Scarlet Fever
Typhoid Fever30
Tuberculosis of Lungs 23
Tuberculosis, Other Forms 1
Whooping Cough34
Measles
Malaria
Ophthalmia Neonatorum
Suppurative Conjunctivitis2
Chicken Pox
German Measles
Cerebro-Spinal Meningitis
German Measles 1
Pneumonia, Lobar57

Dysentery (Bacillary)

The following is the number of contagious diseases reported in each ward: 1-29; 2-28; 3-22; 4-34; 5-9; 6-20; 7-4; 8-25; 9-40.

Mumps.....

In addition to the above, 2075 cases of influenza were reported.

Estimating the population at 131,358, 264 deaths would give an annual death rate of 24.11 in 1,000.

This is 86 more than last month and 108 more than the same month in 1917.

FRANK L. LARKIN, Secretary

# INFLUENZA EPIDEMIC OF 1918

The publication of this belated issue of the Health bulletin would be incomplete without reference to the Influenza epidemic through which the city of Fall River passed in the months of September and October, and a brief history of the Influenza situation

For lack of space and because the preparation of the Annual Report will soon be commenced, this history will necessarily be brief, dealing chiefly with the extent and results of the visitation; but we feel it will be read with interest by our citizens, and the advice and suggestions given to prevent its again assuming alarming proportions, cheerfully and conscientiously followed.

cheerfully and conscientiously followed.

The first cases to be reported were on September 15th when the report was accompanied by a letter from the physician stating that he felt the Board of Health would be interested in knowing of the appearance of a disease about the presence of which in other localities much had recently been printed in the newspapers of the country. Seven cases were reported during the day and the matter was discussed at the cases were reported during the day and the matter was discussed at the Board's regular meeting in the afternoon, Orders were immediately adopted requesting physicians to promptly report all cases of Spanish Influenza coming to their knowledge, Many more cases were reported by various physicians next day, making our first record of Influenza on September 16th.

Up to this time Influenza had not been made a reportable disease nor declared dangerous to the public health by the State Department of health by the State Department of Health, As a matter of fact such action was not taken by the State Department until October 4th. Nevertheless it must be said to the credit of the physicians of this city that they very generally responded to the local very generally responded to the local Board's request in reporting cases which immediately increased rapidly, so that on September 30th the Board of Health with the advice of His Horor the Mayor, convened a meeting of the various municipal departments and other private benevolent associations and perfected an organization for combatting the epidemic. This included aid to stricken families, medical care and nursing for the sick, the improvising of hospitals and the removal thereto of patients without improvising of hospitals and the removal thereto of patients without proper facilities for care at their homes, etc., etc. The organization then formed, worked in perfect harmony with most satisfactory results to the end of the epidemic and the han, placed upon all activities previously, was removed on October 23rd. The epidemic may be said to have ended with the month of October.

That the disease was brought into this city through the medium of the members of the Army and Navy service of the United States is clearly shown by our records. Of the first cases reported fourteen are classified as home on furlough or having been in the service as follows, and others reported were shown to have been visiting in some of these families: One from Quincy ship yard.

One from Newport Torpedo Station (yeowoman,)

One from Camp Upton, N. Y.

Three from Camp Devens, soldiers.

One from Newport Training Station.

One from Newport, soldier. One from Boston aviation service (British),

Five from Boston Navy Yard.

In view of the subsequent suffering and death experienced during this epidemic it is to be regretted that the quarantine afterwards placed upon all camps, forts and cantonments because of this disease was not recognized necessary and put into effect before it obtained a foothold in Fall River.

During the epidemic from Sept, 15th to Oct. 31st there was a total of 10,624 cases reported of which 600 or 5.65 per cent. terminated in death. The greatest number of cases in any one day was Oct. 2nd when 907 cases were reported and the epidemic had reached its creat its crest.

In addition to the expense of renova-In addition to the expense of renova-tion, disinfecting and repainting the buildings donated to the city for hospi-tal purposes by St. Partick's parish, St. Mary's parish, and the School Com-mittee, and bills amounting to about \$1100 paid by the Red Cross, this epi-demic cost the city \$17.946.72, accord-ing to the bills thus far received.

It was always felt that crowding was one of the chief factors in spreading the disease, and that although the epidemic was practically ended with the month of October yet it was to be expected that sporadic cases of the disease would continue all through the winter. Warnings were therefore issued against overcrowding in any form as the best means of preventing a recurrence of the epidemic. While the experiences of the epidem'c were fresh in the minds of people these warnings were better observed, but as was to be expected, after a short period of immunity they were either very much forgotten or entirely ignored and as a result more cases of the disease began to be re-

This was particularly noted immediately after the Armistice and Thanks-giving Day celebrations when crowds thronged the streets, street cars, stores, and various places of amusestores, and various places of amusement including the usual holiday visiting. In consequence of this the Board in anticipation of the approaching Christmas and New Year's festivities during which social parties, visiting, dances, and entertainments are most indulged in, issued a second warning which all the daily newspapers of the city very kindly published. In this warning special stress. lished. In this warning special stress was laid upon the risk run in attend-ance at funerals of persons who had died of the disease, or in whose family it was known to exist. At the meetthe at which this action was taken the expediency of advising the closing of schools again was considered, but understanding they would be closing for the Christmas vacation within a week, on December 20th, and remain

closed until January 2nd, action was

During the month of November the number of cases reported averaged slightly under 10 cases per day, and the average daily mortality from this cause was 1.25. The total cases for the month being 294 and 38 deaths. This gives a death rate based upon cases reported of 12.92 per cent which is far greater than during the epidemic, but as many of the deaths in November were of persons who were included as patients during the epidemic the deaths rightfully belong in the epidemic period.

The following table contains the cases and deaths reported for the month of December by weeks up to the

	Cases	Deaths
Dec. 1-7, inclu	sive 102	10
Dec. 8-14, inclu	sive 134	6
Dec. 15-21, inclu		11
Dec. 22-28, inclu	sive 233	11
Total	692	38

Average death rate per hundred for four weeks, 5.49.
Although the death rate for the four weeks is but slightly less than during the epidemic, investigations made of cases reported indicate that many of them are not genuine epidemic Spanish influence nor as virulent as during the influenza, nor as virulent as during the epidemic of last autumn, but rather heavy colds or light forms of the old-fashioned La Grippe. Consequently while no cause for undue alarm exists, the fact must not be lost sight of that is the Pneumonia consequent to Influenza or La Grippe, of which the symptoms of a cold are always fore-runner, which is the immediate cause of death in a majority of the cases re-

of death in a majority of the cases reported as Spanish Influenza, and that the disease is highly contagious.

Under existing circumstances the Board feels it its duty, because of present conditions and the lack of general hearty co-operation by the public incomplaints with its contagent. eral hearty co-operation by the public in complying with its advice and recommendations issued from time to time since the first of November, to make the following rules for the protection of all. These rules will go into effect immediately, and it is to be hoped that they will be carefully observed and the effect upon the Influenza situation so pronounced that it will not be necessary for the hoard to have to re-

so pronounced that it will not be necessary for the board to have to resort to more stringent measures.

Additional cases reported for the last three days of December were 97 and 4 deaths, making the total for the month 789 and 42 deaths, and the total for the year since September 15th, 11,707 cases and 680 deaths, a death rate of 5.81 per cent, for the year.

Unnecessary crowding or gatherings to be discontinued, and all buildings, including schools, churches, halls,

including schools, churches, halls, places of amusement, stores, and street cars to be kept sufficiently heated to permit of thorough ventila-

Undertakers to omit invitations to all funerals and funeral services, and all funerals and funeral services, and limit attendance to immediate members of the family of deceased and necessary attendants for whom carriages not exceeding four in number may be furnished. This prohibits visitors to the home, other than immediate relatives, pending the burial of the body. A casket containing the body of any person having died of In-fluenza brought here for burial must not be opened except for identification, and this must be done at the rooms of the undertaker, and the casket immediately sealed.

Persons in whose home a case of Influenza exists must not entertain vis-itors. Disregard of this rule may reitors. Disregard of this rule may result in the placarding of houses for Influenza.

Physicians are required by law to Physicians are required by law to promptly report every case of Influenza seen by them, giving name, age, and address of each. Postal cards for this purpose are furnished upon application, and should be mailed the day a case is seen. Physicians are requested not to report head colds or other symptoms until they make a diagnosis. When in his opinion a patient should go to a hospital because of insufficient means for care at cause of insufficient means for care at home, the physician is requested to so advise the family and inform the Board of Health.

Public Library—Books not to be let out to any person in whose family a

case of Influenza exists. If a book is out to a member of any family in which a case is reported prior to its return, it should not be again shelved for distribution before it is sterilized.

Medical Inspectors of schools and Teachers are advised to keep a careful watch upon the pupils under their care, and upon any symptoms of Influenza send them home with a card to the parents advising them to consult a physician; and not readmit any pupil excluded without a permit from the Beard of Health.

The public is warned to guard against Influenza by: First, keep away from crowds; second, avoid coughers or sneezers; third, get all the The public is warned fresh air and sunshine possible; fourth, never cough or sneeze without covering the mouth and nose; fifth, do not neglect a cold however slight; sixth, upon any of the symptoms go to bed and call a physician.

If these rules and precautions are followed it is safe to assume we may be spared a recurrent visitation of Influenza.

In closing this brief review of the Influenza epidemic, the Board of Health

wishes to express on its own behalf, and on behalf of the people of Fall River its grateful thanks and appreci-

River its grateful thanks and appreciation to:

1—Municipal Hospital department.

2—Police Department.

3—State Guard,

4—Overseers of the Poor.

5—St. John's Day Nursery.

6—Bishop Stang Day Nursery.

7—Union Hospital.

8—St. Anne's Hospital.

9—School Department and Teachers. 10-Clergymen of all Denominations.

11-Sisters of the Various Religious Orders, 12—Committee on Preparedness

13—Parish House, First Baptist

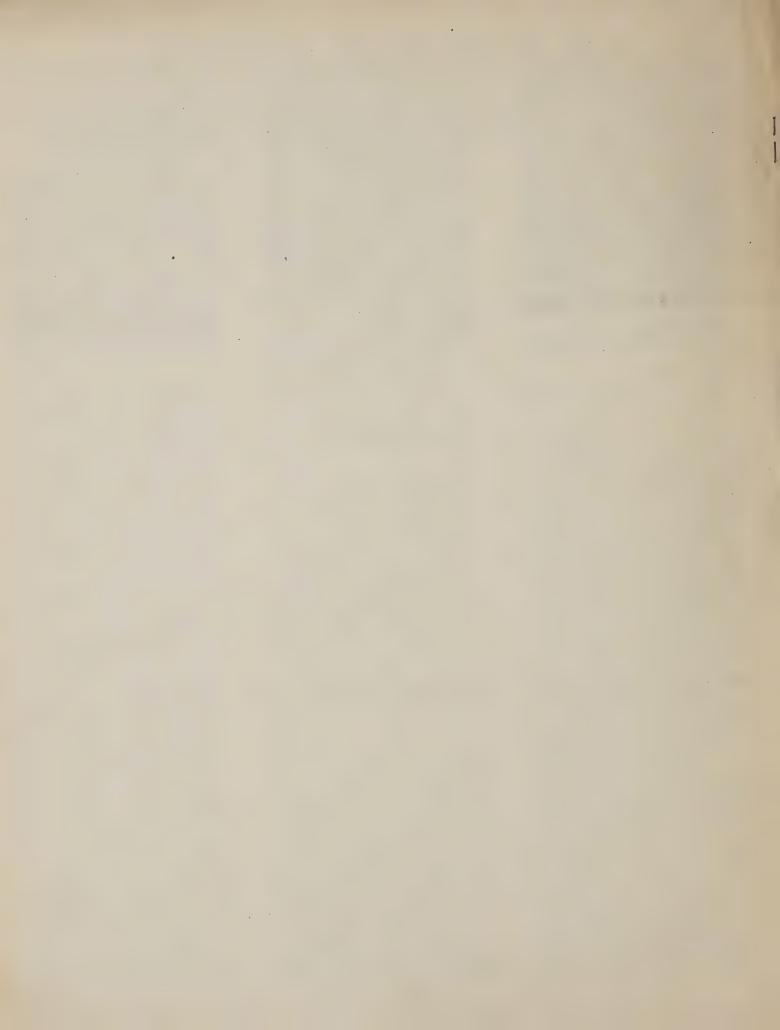
14—District Nursing Association. 15—Association for Community Wel-

16-Women's Union.

17-Red Cross and Allied Organizations.

18-Street Department.

And all others who disregarding personal danger to themselves assisted in every possible way in ministering to the sick and afflicted and in their coperation with the Board of Health all through the epidemic.





Hall River, Mass.

## MONTHLY BULLBIIN

-OF THE-

## BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

VOL. II. NOV., 1918

NO. 11

## Mortality for the Month of October, 1918.

After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.					
				1	
	I-GENERAL DISEASES.	72	Chorea		VII—THE PUERPERAL STATE
1	Typhoid Fever 4	73	Neuralgia and Neuritis	134	Accidents of Pregnancy
2	Typhus Fever	74	Other Diseases of Nervous System	135	Puerperal Haemorrhage
3	Relapsing Fever	75	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor
4	Malaria	76	Diseases of the Ears	137	Puerperal Septicæmia 1
5	Smallpox	TII-	-DISEASES OF THE CIRCULATORY	138	Puerperal Albuminuria and Convulsions
6	Measles 1	111		139	Puerperal Phlegmasia Alba Dolens, em-
7	Scarlet Fever		SYSTEM.		bolus, Sudden Death
8	Whooping Cough 5	77	Pericarditis	140	Following Childbirth (not otherwise de-
9	Diphtheria and Croup 2	78	Acute Endocarditis 1		fined)
10	Influenza565	79	Organic Diseases of Heart	141	Puerperal Diseases of the Breast
11	Miliary Fever	80	Angina Pectoris	VIII	-DISEASES OF THE SKIN AND OF
12	Asiatic Cholera	81	Diseases of the Arteries, Atheroma,	1	THE CELLULAR TISSUE.
13	Cholera Nostras	00	Aneurysm, etc	140	-
14	Dysentery	82	Embolism and Thrombosis	142	Gangrene
15	Plague	83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle
16	Yellow Fever	0.4	phlebitis, etc)	145	Other Diseases of the Skin and Annexa.
17	Leprosy	84	Diseases of Lymphatic System (Lymphan-	140	Other Diseases of the Skin and Annexa
18	Erysipelas	95	gitis, etc Haemorrhage; Other Diseases of the	IX-	DISEASES OF THE BONES AND OF
19	Other Epidemic Diseases	85			THE ORGANS OF LOCOMOTION.
20	Purulent Infection and Septicæmia 1		Circulatory System		
21	Glanders	IV	DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis
22 23	Anthrax		SYSTEM.	147	Excepted)
24	Rabies	0.0		147	Diseases of the Joints (Tuberculosis and
25	Tetanus	86	Diseases of Larry	148	Rheumatism Excepted)
26	Mycoses	87 88	Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-
27	Pellagra Beriberi	89	Acute Bronchitis	110	motion
28	Tuberculosis of the Lungs25	90	Chronic Bronchitis 13		
29	Acute Miliary Tuberculosis	91	Bronchopneumonia 22		X-MALFORMATIONS.
30	Tuberculous Meningitis	92	Pneumonia	150	Congenital Malformation (Still births
31	Abdominal Tuberculosis	93	Pleurisy		not Included)
32	Pott's Disease	94	Pulmonary Congestion, Pulmonary		7.07.07.0
33	White Swellings		Apoplexy	X	I—DISEASES OF EARLY INFANCY.
34	Tuberculosis of other Organs	95	Gangrene of the Lung	151	Congenital Debility Icterus and Sclerema 6
35	Disseminated Tuberculosis	96	Asthma	a	Premature Birth
36	Rickets	97	Pulmonary Emphysema	b	Congenital Debility
37	Syphilis	98	Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy 1.
38	Gonococcus Infection		(Tuberculosis Excepted) 1	153	Lack of Care
39	Cancer and other Malignant Tumors of	3.7			VII OLD ACE
	the Buccal Cavity	V	-DISEASES OF THE DIGESTIVE SYS-		XII- OLD AGE.
40	Cancer and other Malignant Tumors of		TEM.	154	Senility
	the Stomach, Liver 4	99	Diseases of the Mouth and Annexa		XIII-EXTERNAL CAUSES.
41	Cancer and other Malignant Tumors of	100	Diseases of the Pharynx		AIII-EATERNAL CAUSES.
	the Peritoneum, Intestines, Rectum 2	101	Diseases of the Oesophagus	155	Suicide by Poison
42	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	156	Suicide by Asphyxia
	the Female Genital Organs	103	Other Diseases of the Stomach (Cancer	157	Suicide by Hanging or Strangulation
43	Cancer and other Malignant Tumors of		Excepted)	158	Suicide by Drowning
	the breast 1	104	Diarrhoea and Enteritis (under 2 years). 28	159	Suicide by Firearms
44	Cancer and other Malignant Tumors of	105	Diarrhoea and Enteritis (2 years and over) 2	160	Suicide by Cutting or Piercing Instru-
A.E	the skin	106	Ankylostomiasis	101	ments.
45	Cancer and other Malignant Tumors of	107	Intestinal Parasites	161	Sucide by Jumping from a High Place
	other organs and of organs not	108	Appendicitis and Typhlitis	162	Suicide by Crushing.
46	specified	109	Hernia, Intestinal Obstructions	163	Other Suicides
70	Other Tumors (Tumors of the female	110	Other Diseases of the Intestines	164 165	Poisoning by Food
47	genital organs excepted)	111	Acute Yellow Atrophy of the Liver Hydatid Tumor of the Liver	166	Conflagration
48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	167	Burns (Conflagration Excepted)
49	Scurvy	114	Biliary Calculi	168	Absorption of Deleterious Gases (Con-
50	Diabetes 2	115	Other Diseases of the Liver	-00	flagration Excepted)
51	Exophthalmic Goitre	116	Diseases of the Spleen	169	Accidental Drowning1
52	Addison's Disease	117	Simple Peritonitis (nonpuerperal)	170	Traumatism by Firearms
53	Leuchæmia	118	Other Diseases of the Digestive System	171	Traumatism by Cutting or Piercing In-
54	Anæmia, Chlorosis		Cancer and Tuberculosis Excepted		struments
55	Other General Diseases	777	NONHENEDE AT DISTANCE OF THE	172	Traumatism by Fall
56	Alcoholism (Acute or Chronic) 2	V1	NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
57	Chronic Lead Poisoning		GENITO-URINARY SYSTEM AND	174	Traumatism by Machines
58	Other Chronic Occupation Poisonings		ANNEXA.	175	Traumatism by other Crushing (Vehi-
59	Other Chronic Poisonings 1	110		100	cles, Railroad, Landslides, etc.)
77	IOD A CEO OF DIED AIDDISONO CHOMES	119 120	Acute Nephritis 1 Bright's Disease 11	176	Injuries by Animals
11—E	ISEASES OF THE NERVOUS SYSTEM	121	Chyluria.	177	Starvation
Al	ND OF THE ORGANS OF SPECIAL	122	Other Diseases of the Kidneys and	178 179	Excessive Cold
	CUNCU		Annexa	180	
	SENSE.	123	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis	124	Diseases of the Bladder	182	Homicide by Firearms
61	Simple Meningitis 3	125	Diseases of the Urethra, Urinary	183	Homicide by Cutting or Piercing In-
<b>61</b> a	Cerebrospinal Fever		Abscess, etc.		struments
62	Locomotor Ataxia	126	Diseases of the Prostate	184	Homicide by other Means1
<b>63</b> a	Anterior Poliomyelitis	127	Nonvenereal I ise ses of the Male Geni-	185	Fractures (Cause not Specified) 1
ь	Other Diseases of the Spinal Cord	100	tal Organs	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy 3	128	Uterine Haemorrhage (nonpuerperal)		WILL III DEDIVED DIONACES
65	Softening of Brain	129	Uterine Tumor (noncancerous)		XIV—ILL DEFINED DISEASES.
66	Paralysis Without Specified Cause	130	Other Diseases of the Uterus	187	Ill Defined Organic Disease
67	General Paralysis of the Insane 1	131 132	Cysts and other Tumors of the Ovary	188	Sudden Death
68 69	Other Forms of Mental Alienation	102	Salpingitis and other Diseases of the Female Genital Organs	189	Cause of Death not Specified or Ill-defined10
70	Convulsions (nonpuerperal) 1	13	Nonpuerperal Diseases of the Breast		
71	Convulsions of Infants		(Cancer Excepted)		OTAL DEAGUE
				1	OTAL DEATHS 830

### DEATHS BY AGES

Total	Males	Females
Under 1 day 7	1	6
1-2 days 2	1	1
2-3 days 2	1	1
3 days-1 week 3	1	2
1-2 weeks 1	0	1
2-3 weeks 0	0	0
3 wks-1 month 4	2	2
1-2 months	6	1
2-3 months 2	2	0
3-6 months15	11	4
6-9 months23	13	10
9-12 months	13	13
1 year73	39	34
2 years23	13	10
3 years 13	1.0	3
4 years21	8	13
5-9 years28	17	11
10-14 years16	7	9
15-19 years34	14	20
20-24 years67	22	45
25-29 years103	50	53
30-34 years115	58	57
35-39 years65	33	32
40-44 years45	21	24
45-49 years20	9	11
50-54 years26	10	16
55-59 years16	10	6
60-64 years19	9	10
65-69 years22	15	7
70-74 years16	7	9
75-79 years12	6	6
80-84 years 6	3	3
85-89 years 0	0	0
90-94 years 3	1	2
95-99 years 1	1	0
100+	0	0
Unknown 3	2	1
Total839	416	423

### DEATHS BY WARDS

1		121
2		92
3		116
4		50
5	***************************************	74
6		106
7	**************************************	82
8		88
9		11

### HOSPITALS

St. John's Emergency 1	8					
City Hospital1	5					
Union Hospital36						
St. Anne's Hospital1	7					
Bay View Hospital	7					
Contagious Hospital 1	0					
Truesdale Hospital	6					
Bishop Stang Emergency 3	0					
Tech. High Emergency3	3					
	HP0					

### STILL BIRTHS

Males16
Females10
Unknown
Total26

NATIVITY	
Fall River39	5
Massachusetts2	8
Other States5	2
Ireland3	5
Canada 7	8
England4	8
Scotland	3
Germany	1
Azores14	3
Austria 1	4
France	1
Belgium	
Russia1	5
Portugal	5
Italy	8
Poland	4
Syria	2
Roumania	1
Sweden	1
Spain	1

Unknown .....

### CEMETERIES

Oak Grove	84
North Burial Ground	
St. John's	
St. Mary's	0
St. Patrick's	
Notre Dame St. Mary's (Polish)	040
Jesus Marie Convent Tomb	
Nwoo Hill	18
Our Lady of Light	4
Agedas Aham	
Sent away for interment	19
Brought here for interment	
SEX	
Male	416
Female	
COLOR	
77714.	000
White	839
White	839
Colored	839
CONDITION	0
CONDITION  Married	370
CONDITION  Married Single	370 407
CONDITION  Married Single Widowed	0 370 407 58
CONDITION  Married Single	0 370 407 58
Colored	0 370 407 58 2
CONDITION  Married Single.  Widowed Divorced Unknown  There were 308 cases of contagious designments.	0 370 407 58 2
CONDITION  Married Single Widowed Divorced Unknown  There were 308 cases of contagious dreported for Oct., viz:	0 370 407 58 2 2
CONDITION  Married Single Widowed Divorced Unknown  There were 308 cases of contagious dreported for Oct., viz: Diphtheria	
CONDITION  Married Single Widowed Divorced Unknown  There were 308 cases of contagious dreported for Oct., viz: Diphtheria Scarlet Fever	
CONDITION  Married Single Widowed Divorced Unknown  There were 308 cases of contagious dreported for Oct., viz: Diphtheria Scarlet Fever Typhoid Fever	0 370 407 58 2 2 iseases 11 5 6
CONDITION  Married Single Widowed Divorced Unknown  There were 308 cases of contagious dreported for Oct., viz: Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs	
CONDITION  Married Single Widowed Divorced Unknown  There were 308 cases of contagious dreported for Oct., viz: Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, Other Forms	
CONDITION  Married Single Widowed Divorced Unknown  There were 308 cases of contagious dreported for Oct., viz: Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs	03705822 iseases115630133

Malaria Ophthalmia Neonatorum 9
Suppurative Conjunctivitis 1

Chicken Pox 1
German Measles 1
Cerebro-Spinal Meningitis 1

 Pneumonia, Lobar
 185

 Mumps
 3

 Septic Sore Throat
 1

The following is the number of contagious diseases reported in each ward: 1-71; 2-37; 3-42; 4-42; 5-29; 6-30; 7-3; 8-20; 9-34.

In addition to the above, 8074 cases of influenza were reported.

Estimating the population at 131,358, 839 deaths would give an annual death rate of 76.64 in 1,000.

This is 575 more than last month and 699 more than the same month in 1917.

FRANK L. LARKIN, Secretary

# THE INFLUENZA SITUATION

Because of the great improvement in the influenza situation the board on January 20, modified its rules which have been in force because of the prevalence of influenza, regarding attendance at funerals. There are now no restrictions on attendance or carriages at funerals where death has been due to any cause but influenza or pneumonia following influenza. The rules must still be observed where death has been due to influenza.

The influenza record for the past three weeks has been as follows:

				Cases	Deaths.
Week of	Jan. 6	٠.,	 	247	10
	13		 	146	16
	20		 	149	9

A circular letter to undertakers regarding the modification of rules follows:

Owing to the continued decline in influenza cases maintained during the week ending today, the board of health feels that it can modify the restrictions governing attendance at funeral services and funerals without endangering the public health provided reasonable care is taken.

It is therefore decided that while undertakers are required for the present to continue to omit printed invitations in the newspapers, no restrictions are placed upon the number of relatives and friends who may attend a funeral or funeral service, nor for the undertaker to furnish chairs and carriages necessary to meet the occasion (except in a case where the person

has died of influenza or pneumonia following influenza) provided, however, that everyone suffering with any symptoms of a cold, particularly coughing or sneezing, absent themselves from such assemblages.

In every case where a person dies of influenza or pneumonia following an attack of influenza the old rules must be observed, and in all cases of other contagious diseases, funerals must be conducted according to existing regulations.

It must not be taken for granted, however, that all danger of a recurrence of influenza is passed nor that any abuse of the privileges hereby granted can be permitted, because although the "epidemic" is over the "influenza" is still with us and will be quick to take advantage of any opportunity to spread during the winter and coming spring. This disease is spread by coughing, sneezing, spitting, and the constant trading of saliva on drinking vessels, kissing and the mouthing of fingers followed by hand shaking. It is therefore to be hoped that these suggestions will be followed so that the result will justify the raising of all restrictions in the near future, instead of being obliged to make the present rules more stringent.

The board wishes to acknowledge the cordial cooperation of the Undertakers' Association of Fall River in supporting the spirit of its rules and regulations for maintaining the health of the city.

Yours very truly,

S. B. MORRISS, Agent.

19,03 F133

MAR A THIS



Fall River, Mass.

## MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

VOL. II.

DEC., 1918

NO.12

## Mortality for the Month of November, 1918.

	After the Bertillon Classifica	ation o	of Causes of Deaths, Second International De	cennia	l Revision, Paris, 1909.
	I CENEDAL DISEASES				THE DUEDDED AT STATE
	I-GENERAL DISEASES.	72		174	VII—THE PUERPERAL STATE
2	Typhoid Fever 1	73	Neuralgia and Neuritis	134	
3	Typhus Fever	74	Other Diseases of Nervous System Diseases of the Eyes and their Annexa	135	
4	Relapsing Fever	76	Diseases of the Ears	137	Puerperal Septicæmia
5	Smallpox			138	
6	Measles	111.	-DISEASES OF THE CIRCULATORY	139	
7	Scarlet Fever		SYSTEM.		bolus, Sudden Death
8	Whooping Cough	77	Pericarditis	140	
9	Diphtheria and Croup	78	Acute Endocarditis 4	1.41	fined)
10	Influenza 44	79	Organic Diseases of Heart	141	Puerperal Diseases of the Breast
11	Miliary Fever	81	Diseases of the Arteries, Atheroma,	VII	I-DISEASES OF THE SKIN AND OF
13	Asiatic Cholera Cholera Nostras	01	Aneurysm, etc		THE CELLULAR TISSUE.
14	Dysentery	82	Embolism and Thrombosis	142	Gangrene 2
15	Plague	83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle
16	Yellow Fever		phlebitis, etc)	144	Acute Abscess
17	Leprosy	84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa 1
18 19	Erysipelas	85	Haemorrhage; Other Diseases of the	IX-	-DISEASES OF THE BONES AND OF
20	Other Epidemic Diseases	00	Circulatory System		THE ORGANS OF LOCOMOTION.
21	Purulent Infection and Septicæmia Glanders			146	Diseases of the Bones (Tuberculosis
22	Anthrax	IV-	-DISEASES OF THE RESPIRATORY	1 10	Excepted) 1
23	Rabies		SYSTEM.	147	Diseases of the Joints (Tuberculosis and
24	Tetanus	86	Diseases of Nasal Fossae	1	Rheumatism Excepted)
25	Mycoses	87	Diseases of Larynx	148	Amputations
26 27	Pellagra	88	Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-
28	Beriberi Tuberculosis of the Lungs	89	Acute Bronchitis		motion
29	Acute Miliary Tuberculosis	91	Bronchopneumonia		X-MALFORMATIONS.
30	Tuberculous Meningitis 1	92	Pneumonia 9	150	Congenital Malformation (Still births
31	Abdominal Tuberculosis	93	Pleurisy		not Included)
32	Pott's Disease	94	Pulmonary Congestion, Pulmonary	×	I-DISEASES OF EARLY INFANCY.
33 34	White Swellings	0.5	Apoplexy 1		Congenital Debility Icterus and Sclerema
35	Tuberculosis of other Organs	95	Gangrene of the Lung	151	
36	Rickets	97	Pulmonary Emphysema	1	
37	Syphilis 2	98	Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy
38	Gonococcus Infection		(Tuberculosis Excepted) 1	153	Lack of Care
39	Cancer and other Malignant Tumors of	V-	-DISEASES OF THE DIGESTIVE SYS-	1	XII - OLD AGE.
40	the Buccal Cavity		TEM.	154	Senility 1
	the Stomach, Liver 4	99	Diseases of the Mouth and Annexa		
41	Cancer and other Malignant Tumors of	100	Diseases of the Pharynx		XIII-EXTERNAL CAUSES.
40	the Peritoneum, Intestines, Rectum 3	101	Diseases of the Oesophagus	155	Suicide by Poison
42	Cancer and other Malignant Tumors of the Female Genital Organs	102	Ulcer of the Stomach	156	Suicide by Asphyxia.
43	Cancer and other Malignant Tumors of	103	Other Diseases of the Stomach (Cancer Excepted)	157	Suicide by Hanging or Strangulation Suicide by Drowning
	the breast	104	Diarrhoea and Enteritis (under 2 years) 9	159	Suicide by Firearms
44	Cancer and other Malignant Tumors of	105	Diarrhoea and Enteritis (2 years and over)	160	Suicide by Cutting or Piercing Instru-
45	Concur and other Malignent Tumors of	106	Ankylostomiasis	101	ments
10	Cancer and other Malignant Tumors of other organs and of organs not	107	Intestinal Parasites	161	Sucide by Jumping from a High Place Suicide by Crushing
	specified	109	Hernia, Intestinal Obstructions	163	Other Suicides.
46	Other Tumors (Tumors of the female	110	Other Diseases of the Intestines	164	Poisoning by Food
4.77	genital organs excepted	111	Acute Vellow Atrophy of the Liver	165	Other Acute Poisonings
47 48	Acute Articular Rheuniatism	112	Hydatid Tumor of the Liver	166	Conflagration
49	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	167	Burns (Conflagration Excepted)
50	Duabetes	114	Biliary Calculi	168	Absorption of Deleterious Gases (Con- flagration Excepted)
51	Exophthalmic Goitre	116	Diseases of the Spleen	169	Accidental Drowning
52	Addison's Disease	117	Simple Peritonitis (nonpuerperal)	170	Traumatism by Firearms
53	Leuchæmia	118	Other Diseases of the Digestive System	171	Traumatism by Cutting or Piercing In-
54 55	Anamia, Chlorosis		Cancer and Tuberculosis Excepted	1.770	struments
56	Other General Diseases Alcoholism (Acute or Chronic)	VI-	NONVENEREAL DISEASES OF THE	172	Traumatism by Fall 1
57	Chronic Lead Poisoning		GENITO-URINARY SYSTEM AND	173	Traumatism in Mines and Quarries Traumatism by Machines
58	Other Chronic Occupation Poisonings		ANNEXA.	175	Traumatism by other Crushing (Vehi-
59	Othe: Chronic Poisonings	110			cles, Railroad, Landslides, etc.) 1
F T	ICE ACED OF THE MEDITORIO CHOTTA	119 120	Acute Nephritis 1 Bright's Disease 6	176	Injusies by Animals
11	ISEASES OF THE NERVOUS SYSTEM	121	Chyluria	177	Starvation
Al	ND OF THE ORGANS OF SPECIAL	122	Other Diseases of the Kidneys and	179	Effects of Heat
	SENSE.	4.00	Аппека	180	Lightning
60	Encenhalitie	123	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis	124 125	Diseases of the Bladder	182	Homicide by Firearms
61a	Cerebrospinal Fever	120	Abscess, etc.	183	Homicide by Cutting or Piercing In-
62	Locomotor Ataxia	126	Diseases of the Prostate	184	Homicide by other Means
63a	Anterior Poliomyelitis	127	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)
64	Other Diseases of the Spinal Cord	128	tal Organs Uterine Haemorrhage (nonpuerperal)	186	Other External Violence
65	Softening of Brain	129	Uterine Tumor (noncancerous)		XIV-ILL DEFINED DISEASES.
GG	Paralysis Without Specified Cause	130	Other Diseases of the Uterus	107	
67	General Paralysis of the Insane	131	Cysts and other Tumors of the Ovary	187	Ill Defined Organic Disease
63 69	Other Forms of Mental Alignation Epilepsy	132	Salpingitis and other Diseases of the	189	Cause of Death not Specified or Ill-defined 1
70	Convulsions (nonpuerperal)	13	Nonpuerperal Diseases of the Breast		
71	Convulsions of Infants 1		(Cancer Excepted)	-	ANDAT ENDATHED

#### HOSPITALS CEMETERIES DEATHS BY AGES Oak Grove ......28 City Hospital 9 North Burial Ground \_\_\_\_\_13 Union Hospital 12 St. John's \_\_\_\_\_\_3 St. Mary's St. Anne's Hospital \_\_\_\_\_\_ 3 Under 1 day ...... 4 St. Patrick's ...... 61 Bay View Hospital 5 Notre Dame..... 57 1-2 days ...... 2 St. Mary's (Polish) ..... 1 2-3 days ...... 1 Highland Rd. Hospital Nwoo Hill 3 days-1 week ..... 2 Highland Hospital 2 Our Lady of Light ...... 3 1-2 weeks ..... Agedas Aham Contagious Hospital 6 2-3 weeks ...... 1 Sent away for interment 3 wks-1 month...... 3 Brought here for interment ......... 31 STILL BIRTHS 1-2 months..... 6 3 SEX 2-3 months ...... 3 2 Males..... 5 3-6 months...... 4 2 Females ...... 3 Female \_\_\_\_\_\_ 93 1 Unknown ..... COLOR Total \_\_\_\_\_ 8 1 year ......11 White\_\_\_\_\_174 Colored 2 2 years...... 3 3 years ...... 3 NATIVITY CONDITION Fall River \_\_\_\_\_ 81 Married 65 Massachusetts 9 5-9 years..... 5 Single 83 Widowed 28 10-14 years ...... 4 3 Other States \_\_\_\_\_12 15-19 years...... 4 Divorced ..... Ireland ..... 7 Unknown ..... 25-29 years ...... 10 England 21 3 There were 399 cases of contagious diseases 30-34 years Scotland ..... reported for Nov., viz: Diphtheria12Scarlet Fever5Typhoid Fever10 Germany. ..... 1 ...... 9 40-44 years... 2 ..... 8 45-49 years.. Austria ...... Tuberculosis of Lungs 23 France Tuberculosis, Other Forms. 4 55-59 years...... 6 Whooping Cough......21 Belgium ..... Russia Ophthalmia Neonatorum ...... 3 65-69 years...... 5 Suppurative Conjunctivitis 2 Portugal 4 75-79 years... 9 Italy ..... German Measles 80-84 years ...... 2 Poland ..... Cerebro-Spinal Meningitis. 85-89 years..... 1 1 Pneumonia, Lobar 11 Syria ..... 90-94 years. ..... 1 Roumania. 95 99 years. .... Sweden 100+ Spain .... Unknown . ...... Unknown. DEATHS BY WARDS

24 28

19

13

10

24

10

31

2

3

4

5

6

7

8

The following is the number of contagious diseases reported in each ward: 1-11; 2-1; 3-12; 4-21; 5-11; 6-14; 7-4; 8-12; 9-16.This does not include Influenza.

Estimating the population at 131,358, 176 deaths would give an annual death rate of 16.08 in 1,000.

This is 663 less than last month and 15 more than the same month in 1917.

FRANK L. LARKIN, Secretary

### A CONFESSION

I am a murderer!

I play a safe game. I scatter disease germs in halls, in the street cars, wherever there is a crowd.

Few people suspect me. I am never detected.

I kill babies, children, grownups, impartially. Hundreds of hospitals are filled with those I do not succeed in slaying.

Thousands of graveyards are filled with those with whom I have more success. I am ruthless and cruel. Yet I could be restrained if people really understood how much harm there is in me. Instead of that they think I am funny and laugh at me. Some of them even cry the German word for "health" when they hear me.

For I am a SNEEZE. — Bulletin of the Arizona State Board of Health.

Health is not the property of the individual who enjoys it, but of the community; disease menaces not only the sufferer, but all with whom he may come in contact. — Bertha Ott.

## PARABLE OF THE SOWER

**UP-TO-DATE** 

The following parable of the Sower, adapted for modern conditions, is the way Dr. John D. Robertson, Chicago commissioner of health, emphasizes the need for care to prevent the spread of disease germs:

- 1. Behold the cougher went forth to cough.
- 2. And when he coughed, some germs fell upon the sidewalk, and the feet of the pedestrians came and gathered them up and carried them into their homes.
- 3. Some fell into nostrils that were hard and unfruitful, and forewith a slight cold appeared. It was not worse because there was much opposition to them on account of the sterility of the soil.
- 4. And when the sun was up these colds were scorched, and because they had no root these colds withered away.
- 5. And some fell in thorny places, such as those that have an immunity, and in this wise they were choked out.
- 6. But others fell into good ground for them, and brought forth much disease; some a hundred-fold,

some sixty-fold and some thirty-fold.

- 7. Who hath ears to hear let him hear, and go forth to the health department and view the great harvest of pneumonia, tuberculosis, la grippe and bronchitis, all of which is of record in the archives of the department.
- 8. Who hath ears to hear let him hear, that over 10,000 of our people were garnered during the year of our Lord 1917 from the seed of the cougher and sneezer, and now sleep with their fathers in their untimely sepulchres.
- 9. Be ye not of those who, having ears, hear not, and who, having eyes, see not those things which we have herein set forth that so nearly concern their temporal health and salvation.
- 10. Muffle the cough, smother the sneeze and expectorate not in public places, to the end that divers and grievous disorders come not unto thee, nor unto thy neighbor.

11 11 11



Hall River, Mass.

## MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

-OF THE-

## CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

VOL. III.

JAN., 1919

NO. 1

## Mortality for the Month of December, 1918.

-	After the Bertillon Classifica	ition of	Causes of Deaths, Second International Dec	cennial	Revision, Paris, 1909.
	I-GENERAL DISEASES.	72	Chorea		VII—THE PUERPERAL STATE
1		73	Neuralgia and Neuritis	134	Accidents of Pregnancy:
2	Typhoid Fever	74	Other Diseases of Nervous System	135	Puerperal Haemorrhage.
3	Relating Fever	75	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor
4	Malaria	76	Diseases of the Ears	137	Puerperal Septicæmia
5	Smallpox	III-	-DISEASES OF THE CIRCULATORY	138	Puerperal Phlormania Alba Dolona am
7	Measles 1		SYSTEM.	139	Puerperal Phlegmasia Alba Dolens, em- bolus, Sudden Death
8	Scarlet rever	77	Pericarditis	140	Following Childbirth (not otherwise de-
9	Whooping Cough	78	Acute Endocarditis 4		fined)
10	Influenza	79	Organic Diseases of Heart	141	Puerperal Diseases of the Breast
11	Miliary Feve:	80	Angina Pectoris	VII	I-DISEASES OF THE SKIN AND OF
12	Asiatic Cholera	01	Aneurysm, etc	-	THE CELLULAR TISSUE.
13 14	Dysentery	82	Embolism and Thrombosis	142	Gangrene
15	Plague	83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle.
16	Yellow Fever	O.A	phlebitis, etc)	144	Acute Abscess 1
17	Leprosy	84	Diseases of Lymphatic System (Lymphangitis, etc.	145	Other Diseases of the Skin and Annexa
18 19	Erysipelas	85	Haemorrhage; Other Diseases of the	IX-	DISEASES OF THE BONES AND OF
20	Other Epidemic Diseases		Circulatory System		THE ORGANS OF LOCOMOTION.
21	Glanders	IV-	DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis
22	Anthrax		SYSTEM.		Excepted)
23	Rabies	86	Diseases of Nasal Fossae	147	Diseases of the Joints (Tuberculosis and
24	Tetanus	87	Diseases of Larynx	148	Rheumatism Excepted)
25 26	Pellagra	88	Diseases of Thyreoid Body	149	Amputations Other Diseases of the Organs of Loco-
27	Beriberi	89	Acute Bronchitis 2		motion
28	Tuberculosis of the Lungs14	90	Chronic Bronchitis		X-MALFORMATIONS.
29	Acute Miliary Tuberculosis	92	Pneumonia	150	Congenital Malformation (Still births
30 31	Tuberculous Meningitis 1 Abdominal Tuberculosis 1	93	Pleurisy	100	not Included)
32	Pott's Disease	94	Pulmonary Congestion, Pulmonary	37	
33	White Swellings 1	95	Apoplexy 1 Gangrene of the Lung 1		I—DISEASES OF EARLY INFANCY.
34	Tuberculosis of other Organs	96	Asthma	151	Congenital Debility Icterus and Sclerema
35	Disseminated Tuberculosis*	97	Pulmonary Emphysema	a b	
36 37	Rickets 2	98	Other Diseases of Respiratory System	152	Congenital Debility
38	Gonococcus Infection		(Tuberculosis Excepted)	153	Lack of Care.
39	Cancer and other Malignant Tumors of	V-	DISEASES OF THE DIGESTIVE SYS-		XII- OLD AGE.
40	the Buccal Cavity		TEM.	154	
40	Cancer and other Malignant Tumors of the Stomach, Liver	99	Diseases of the Mouth and Annexa	101	Senility
41	Cancer and other Malignant Tumors of	100a	Diseases of the Pharynx		XIII—EXTERNAL CAUSES.
	the Peritoneum, Intestines, Rectum 1	b		155	Suicide by Poison
42	Cancer and other Malignant Tumors of	101	Diseases of the Oesophagus	156	Suicide by Asphyxia
4.7	the Female Genital Organs 4	103	Other Diseases of the Stomach (Cancer	157	Suicide by Hanging or Strangulation
43	Cancer and other Malignant Tumors of the breast		Excepted) 3	158 159	Suicide by Drowning
44	Cancer and other Malignant Tumors of	104	Diarrhoea and Enteritis (under 2 years) 7	160	Suicide by Firearms Suicide by Cutting or Piercing Instru-
	the skin 1	105	Diarrhoea and Enteritis (2 years and over) 1		ments.
45	Cancer and other Malignant Tumors of	106	Ankylostomiasis Intestinal Parasites	161	Sucide by Jumping from a High Place
	other organs and of organs not	108	Appendicitis and Typhlitis 1	162	Suicide by Crushing.
46	Other Tumors (Tumors of the female	109	Hernia, Intestinal Obstructions 1	163	Other Suicides. Poisoning by Food
	genital organs excepted)	110	Other Diseases of the Intestines	165	Other Acute Poisonings
47	Acute Articular Rheumatism	111	Acute Vellow Atrophy of the Liver	166	Conflagration
48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	167	Burns (Conflagration Excepted)
50	Scurvy Diabetes	114	Biliary Calculi 1	168	Absorption of Deleterious Gases (Conflagration Excepted)
51	Exophthalmic Goitre	115	Other Diseases of the Liver	169	Accidental Drowning
52	Addison's Disease	116	Diseases of the Spleen	170	Traumatism by Firearms
53 54	Leuchæmia	118	Other Diseases of the Digestive System	171	Traumatism by Cutting or Piercing In-
55	Anæmia, Chlorosis		Cancer and Tuberculosis Excepted	172	Traumatism by Fall 1
56	Alcoholism (Acute or Chronic)	VI-	NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
57	Chronic Lead Poisoning		GENITO-URINARY SYSTEM AND	174	Traumatism by Machines 1
58 59	Other Chronic Occupation Poisonings		ANNEXA.	175	Fraumatism by other Crushing (Vehi-
59	Other Chronic Poisonings	119	Acute Nephritis 1	176	cles, Railroad, Landslides, etc.)
I-T	DISEASES OF THE NERVOUS SYSTEM	120	Bright's Disease12	177	Starvation
	ND OF THE ORGANS OF SPECIAL	121	Chyluria	178	Excessive Cold
MI		122	Other Diseases of the Kidneys and Annexa	179	Effects of Heat
	SENSE.	123	Calculi of the Urinary Passages	180	Lightning Electricity (Lightning Excepted)
60	Encephalitis	124	Diseases of the Bladder	182	Homicide by Firearms
61	Simple Meningitis 1	125	Diseases of the Urethra, Urinary	183	Homicide by Cutting or Piercing In-
61a	Cerebrospinal Fever 1 Locomotor Ataxia	126	Abscess, etc. 1	100	struments
<b>62</b> <b>63</b> a	Anterior Poliomyelitis	125	Diseases of the Prostate	184	Homicide by other Means.
b	Other Diseases of the Spinal Cord		tal ()rgans	185	Fractures (Cause not Specified)
64	Cerebral Haemorrhage, Apoplexy	128	Uterine Haemorrhage (nonpuerperal)	100	
65	Softening of Brain	129	Uterine Tumor (noncancerous)		XIV—ILL DEFINED DISEASES.
66 67	Paralysis Without Specified Cause General Paralysis of the Insane	130	Other Diseases of the Uterus	187	Ill Defined Organic Disease
68	Other Forms of Mental Alienation	132	Salpingitis and other Diseases of the	188	Sudden Death
69	Epilepsy		Female Genttal Organs	189	Cause of Death not Specified or Ill-defined 3
70 71	Convulsions of Infants	133	Nonpuerperal Diseases of the Breast		
71	Convulsions of Infants		(Cancer Excepted)	T	OTAL DEATHS 105

		9	City Hospital	14	Oak Grove	
ব	8	emales	Union Hospital		North Burial Ground St. John's	
. Of	Males	Fer	St. Anne's Hospital		St. Mary's	
Under 1 day 7	3	4	· ·	-	St. Patrick's	
1-2 days 2	1	1	Bay View Hospital		Notre Dame	
2-3 days			Highland Rd. Hospital		St. Mary's (Polish)	
3 days-1 week 2	1	1	Highland Hospital	2	Nwoo Hill	
1-2 weeks 1	1:		Contagious Hospital		Our Lady of Light	
2-3 weeks 10	1.		Our was 1200 pitting and a second		Sent away for interment	
3 wks-1 month 1		1.			Brought here for interment	
1-2 months 2	2		STILL BIRTHS			
2-3 months 4	2.	2.	Males	5	SEX	
3-6 months 9	3	6	Females	1	Male	
6-9 months 6	2	4			Female	101
9-12 months 1	1		Unknown		COLOR	
1 year 8	2	6.	Total	11	White	195
2 years 4	2	2		NATURAL INSTITUTE OF THE PARTY	Colored	
3 years 3	2	1	NATIVITY			
4 years	1	2	Fall River	83	CONDITION	=0
5-9 years 4	2	2	Massachusetts		Married	
10-14 years	2	1	Other States		SingleWidowed	
15-19 years 5	5		Ireland		Divorced	
20-24 years	U	в	Canada		Unknown	
25-29 years	7	6	England			
30-34 years	7	3	Scotland		There were 973 cases of contagious dis	seases
	5	ő	Germany		reported for Dec., viz:	
35-39 years	1		· ·		Diphtheria	
40-44 years	_	6	Austria		Scarlet Fever.	
45-49 years	4	3	Austria		Typhoid Fever	6
50-54 years	7	6	France		Tuberculosis of Lungs	
55-59 years 15	7	8	Belgium		Whooping Cough	
60-64 years 9	4	õ	Russia		Measles	
65-69 years	7	8	Portugal		Ophthalmia Neonatorum	5
70-74 years 8	5	3	Italy	2/	Suppurative Conjunctivitis	
75-79 years 7	3	4	Poland	2	Chicken Pox	
80-84 years 5	2	3	Syria		German Measles	
85-89 years	2	1	Roumania		Pneumonia, Lobar	
90-94 years			Sweden		Mumps	
95-99 years 1		1	Spain		Septic Sore Throat	
100+			Greece	1	Influerza	787
Unknown			• Unknown.			
Total	94 1	101				
DEATHS BY WARD		20		; 5—	ious diseases reported in each was 32; 6—25; 7—7; 8—9; 9—1	
•		25				
			Estimating the nonulation at	131.35	8, 195 deaths would give an ar	nnual
3		15	death rate of 17.81 in 1,000.	101,00	o, 100 donois noting growth wi	
4		17		053 5	4 more than the same month in 101	17
5		16	Ims is 19 more than last month	and o	4 more than the same month in 191	
6		27.		1373	AND TARKIN Constant	
7		6		FR	ANK L. LARKIN, Secretary	

SAMUEL B. MORRISS, Agent

HOSPITALS

DEATHS BY AGES

CEMETERIES

### CONTROL OF COMMUNICABLE DISEASES.

In order to control the communicable diseases it is necessary to exercise careful supervision over the sick person, for it is the individual suffering with a communicable disease or harboring the causative organism who is the real danger to the community. He it is who spreads his infection through the fresh discharges from his mouth, nose, throat, intestines, etc., to those with whom he comes in contact.

(Surg. Carroll Fox, United State Public Health Service.)

### "CARRIERS".

A "carrier" is a person who, although apparently healthy, harbors the germs of a certain disease in his body and is constantly throwing off these disease germs in the discharges from the body. A typhoid "carrier" is constantly throwing off typhoid germs in the bowel and urinary discharges from his body. A "carrier" of diphtheria, meningitis, or infantile paralysis throws off germs of these diseases in the discharges from the nose and throat. A malaria "carrier" has the malarial organism in his blood. When bitten by the anopheline mosquito some of his blood enters the stomach of the mosquito; later when the mosquito bites some one else the malarial parasite is transferred from the mosquito to the well person.

"Carriers" are very important factors in the spread of communicable disease.

### FACTS OF IMPORTANCE TO PARENTS.

Children who are ill from any cause should be kept away from others until it is definitely certain that the fil child has not a communicable disease.

If one's own child develops suspicious symptoms, the child should be kept away from the others until it is known that it has not a communicable disease.

### PERIODICAL PHYSICAL EXAMINATIONS.

Among the many valuable things emphasized by public-health workers within the past few years is the necessity for periodical physical examinations for all persons. There are many serious diseases whose beginnings are insidious and not noticeable to the average person. If such diseases are recognized in time, many such conditions can be arrested or improved by proper treatment.

The practice of having periodical physical examinations at intervals of six months or one year is to be strongly recommended to every person interested in the preservation of health. Consult your family physician about it.

### COMMON COLDS.

To prevent a cold it is necessary first of all to keep the body resistance at a high point of efficiency. This means that the body machinery should be kept in good order at all times. Good wholesome food in proper amounts, plenty of sleep the careful attendance to the voiding of the body waste, the taking of regular exercise in the open air, keeping the body clean, keeping the mouth and nose clean, the avoidance of hot, stuffy, dusty rooms, the avoidance of exposure to sudden changes of temperature, the prevention of the chilling of the body either by cold or wet are all protective measures. It should be borne in mind, however, that even robust persons may contract colds from people who have them.

The germs of colds leave the body in the secretions of the mouth and nose. They enter the body through the same route.

(Surg. W. C. Rucker, United States Public Health

Service.)

### THE HANDS AS DISEASE SPREADERS.

The great agent in the spread of these diseases whose causative organism is present in the secretions of the mouth and nose is the human hand; and if saliva was bright green we would be amazed at the color of our fingers. As a matter of fact most of us carry our fingers to our mouth or nose many times a day, there to implant the germs of disease which other careless people have spread about, there to collect a fresh cargo of infectious material to scatter for somebody else.

(North Dakota Public Health Bulletin.)

### 1 AM THE ENEMY OF MANKIND.

I have destroyed more lives than all the wars of the world.

I destroy more than 600,000 lives in the United States each year.

I steal in the United States alone more than a billion dollars each year.

I tear homes asunder; I snatch babes from the mother's breast.

I am more powerful than the combined armies and navies of the world.

I have burdened mankind since the dawn of history.

I have spread misery and desolation. Innocent children are my special prey.

I bring pain, sickness, death, yet few seek to escape me.

I destroy and maim; I give nothing, but take all,

I destroy health and wreck homes.

I am relentless, the rich and poor alike I seek. Both weak and strong, old and young are my victims.

I cause commerce to stand still; I depopulate cities and destroy nations.

I am PREVENTABLE DISEASE.

### I AM THE CONQUEROR OF PREVENTABLE DISEASE.

I am stronger than all the nations of the world.

I am the co-worker of medicine and surgery.

I save thousands of lives each year.

I restore children to their parents.

I banish plague and pestilence.

I convert the fever-ridden jungles into health resorts.

I prevent sickness, disease, suffering.

I add years to the lives of thousands.

I am on guard at all times my vigilance never ceases.

I bring cleanliness, good cheer, and wholesome living.

I make mankind happier, I bring prosperity. Towns spring up and grow under my protection.

I am necessary for the progress of the world. Trains and ships move under my protection.

I watch over the children in the schools, the soldiers in the camps and trenches, the sailors on the sea, and the people at home.

I am SANITATION.

APT 1 1919



# Fall River, Mass.

## MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

VOL. III. MARCH, 1919 NO. 3

## Mortality for the Month of February, 1919.

	After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.								
	I-GENERAL DISEASES.	72	Chorea		VII—THE PUERPERAL STATE				
1	Typhoid Fever 1	73	Neuralgia and Neuritis	134	Accidents of Pregnancy				
2	Typhus Fever	74	Other Diseases of Nervous System	135	Puerperal Haemorrhage				
3	Relapsing Fever	75	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor				
4	Malaria	76	Diseases of the Ears	137	Puerperal SepticæmiaPuerperal Albuminuria and Convulsions				
5 6	Smallpox	III-	-DISEASES OF THE CIRCULATORY	139	Puerperal Phlegmasia Alba Dolens, em-				
7	Measles 3 Scarlet Fever 1		SYSTEM.	100	bolus, Sudden Death				
8	Whooping Cough	77	Pericarditis	140	Following Childbirth (not otherwise de-				
9	Diphtheria and Croup 4	78 79	Acute Endocarditis	141	fined)				
10	Influenza 42	80	Angina Pectoris	141	Puerperal Diseases of the Breast				
11	Asiatic Cholera	81	Diseases of the Arteries, Atheroma,	VIII	-DISEASES OF THE SKIN AND OF				
13	Cholera Nostras		Aneurysm, etc		THE CELLULAR TISSUE.				
14	Dysentery	82 83	Embolism and Thrombosis	142	Gangrene				
15	Plague	00	phlebitis, etc)	144	Acute Abscess				
16 17	Leprosy	84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa				
18	Erysipelas 2	0.5	gitis, etc	IX-	DISEASES OF THE BONES AND OF				
19	Other Epidemic Diseases	85	Haemorrhage; Other Diseases of the Circulatory System		THE ORGANS OF LOCOMOTION.				
20 20	Mumps	737		146	Diseases of the Bones (Tuberculosis				
20 21	Purulent Infection and Septicæmia 1 Glanders	1 V	-DISEASES OF THE RESPIRATORY SYSTEM.	1.10	Excepted)				
22	Anthrax	86	Diseases of Nasal Fossae	147	Diseases of the Joints (Tuberculosis and				
23	Rabies	87	Diseases of Larynx	1/10	Rheumatism Excepted)				
24 25	Mycoses	88	Diseases of Thyreoid Body	148 149	Other Diseases of the Organs of Loco-				
26	Pellagra	89	Acute Bronchitis 9		motion				
27	Beriberi	90 91	Chronic Bronchitis		X-MALFORMATIONS.				
28	Tuberculosis of the Lungs	92	Pneumonia	150	Congenital Malformation (Still births				
29 30	Acute Miliary Tuberculosis	93	Pleurisy 1		not Included)				
31	Abdominal Tuberculosis	94	Pulmonary Congestion, Pulmonary	XI	-DISEASES OF EARLY INFANCY.				
32	Pott's Disease	95	Apoplexy	151	Congenital Debility Icterus and Sclerema				
33 34	White Swellings Tuberculosis of other Organs	96	Asthma	101 a	Premature Birth				
35	Disseminated Tuberculosis	97	Pulmonary Emphysema	b	Congenital Debility				
36	Rickets	98	Other Diseases of Respiratory System (Tuberculosis Excepted)	152	Other Diseases Peculiar to Early Infancy 2				
37	Syphilis 1	7.7		153	Lack of Care				
38 39	Cancer and other Malignant Tumors of	V	-DISEASES OF THE DIGESTIVE SYS- TEM.		XII-OLD AGE.				
	the Buccal Cavity	99	Diseases of the Mouth and Annexa	154	Senility				
40	Cancer and other Malignant Tumors of		Diseases of the Pharynx		XIII-EXTERNAL CAUSES.				
41	the Stomach, Liver	b	Septic Sore Throat	155	Suicide by Poison 1				
**	the Peritoneum, Intestines, Rectum 1	101	Diseases of the Oesophagus.  Ulcer of the Stomach	156	Suicide by Asphyxia				
42	Cancer and other Malignant Tumors of	102 103	Other Diseases of the Stomach (Cancer	157	Suicide by Hanging or Strangulation				
43	the Female Genital Organs		Excepted)	158 159	Suicide by Drowning				
40	the breast	104	Diarrhoea and Enteritis (under 2 years) 2	160	Suicide by Cutting or Piercing Instru-				
44	Cancer and other Malignant Tumors of	105 106	Diarrhoea and Enteritis (2 years and over) Ankylostomiasis	101	ments.				
A.E.	Cancer and other Malignant Tumors of	107	Intestinal Parasites	161 162	Sucide by Jumping from a High Place Suicide by Crushing				
45	other organs and of organs not	108	Appendicitis and Typhlitis	163	Other Suicides				
	specified	109	Hernia, Intestinal Obstructions	164	Poisoning by Food				
46 .	Other Tumors (Tumors of the female	111	Acute Yellow Atrophy of the Liver	165	Other Acute Poisonings				
47	genital organs excepted)	112	Hydatid Tumor of the Liver	166 167	Conflagration Excepted)				
48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	168	Absorption of Deleterious Gases (Con-				
49	Scurvy	114	Other Diseases of the Liver	1.00	flagration Excepted)				
50 51	Diabetes 2 Exophthalmic Goitre 2	116	Diseases of the Spleen	169 170	Accidental Drowning Traumatism by Firearms				
52	Addison's Disease	117	Simple Peritonitis (nonpuerperal)	171	Traumatism by Cutting or Piercing In-				
53	Leuchæmia	118	Other Diseases of the Digestive System Cancer and Tuberculosis Excepted	100	struments				
54 55	Other General Diseases	377	NONVENEREAL DISEASES OF THE	172 173	Traumatism by Fall				
56	Alcoholism (Acute or Chronic)	A 1	GENITO-URINARY SYSTEM AND	174	Traumatism by Machines				
57	Chronic Lead Poisoning		ANNEXA.	175	Traumatism by other Crushing (Vehi-				
58 59	Other Chronic Occupation Poisonings Other Chronic Poisonings	119	Acute Nephritis	176	cles, Railroad, Landslides, etc.)				
00	other curonic reisonings	120	Bright's Disease12	177	Starvation				
I-I	ISEASES OF THE NERVOUS SYSTEM	121	Chyluria	178	Excessive Cold				
	ND OF THE ORGANS OF SPECIAL	122	Other Diseases of the Kidneys and Annexa	179	Effects of Heat				
	SENSE.	123	Calculi of the Urinary Passages	180 181	Lightning Electricity (Lightning Excepted)				
60	Encephalitis	124	Diseases of the Bladder	182	Homicide by Firearms				
61	Simple Meningitis	125	Diseases of the Urethra, Urinary Abscess, etc.	183	Homicide by Cutting or Piercing In-				
61 a	Cerebrospinal rever	126	Diseases of the Prostate	184	Homicide by other Means				
63a	Anterior Poliomyelitis	127	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified) 1				
ь	Other Diseases of the Spinal Cord 1	190	tal Organs	186	Other External Violence				
64 65	Cerebral Haemorrhage, Apoplexy 6 Softening of Brain	128 129	Uterine Haemorrhage (nonpuerperal) Uterine Tumor (noncancerous)		XIV-ILL DEFINED DISEASES.				
65 66	Paralysis Without Specified Cause 1	130	Other Diseases of the Uterus	187	Ill Defined Organic Disease				
67	General Paralysis of the Insane	131	Cysts and other Tumors of the Ovary	188	Sudden Death				
68 <b>69</b>	Other Forms of Mental Alignation	132	Salpingitis and other Diseases of the Female Genttal Organs	189	Cause of Death not Specified for Ill-defined 4				
70	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast						
71	Convulsions of Infants		(Cancer Excepted)	T	OTAL DEATHS 189				

### DEATHS BY AGES Females Under 1 day ..... 1-2 days ..... 2-3 days ...... 1 3 days-1 week ...... 3 1-2 weeks ...... 4 2-3 weeks ..... 3 wks-1 month...... 1 2-3 months ..... 1 3-6 months..... 5 9-12 months...... 9 0 1 year ...... 6 2 years ..... 5 2 3 years ..... 4 1 4 years ...... 3 5-9 years..... 5 10-14 years ...... 4 15-19 years..... 6 20-24 years ...... 5 25-29 years ...... 8 3 30-34 years ...... 9 35-39 years ..... 9 5 40-44 years..... 6 45-49 years.....10 50-54 years.....16 10 60-64 years ...... 8 65-69 years..... 4 1 70-74 years.....19 12 75-79 years......10 80-84 years ..... 6 85-89 years..... 90-94 years..... 95-99 years..... 100+..... Unknown ...... 1

### DEATHS BY WARDS

1	41
2	27
3	7
4	19
5	11
6	18
7	5
8	42
9	19

### HOSPITALS

City Hospital	.10
Union Hospital	. 7
St. Anne's Hospital	. 7
Bay View Hospital	. 2
Highland Rd. Hospital	-4
Highland Hospital	. 1
Contagious Hospital	.11
City Home	4
	-
STILL BIRTHS	
Molog	77

Females 4

Total 11

Unknown .....

NATIVITY	
Fall River9	0
Massachusetts1	1
Other States	8
Ireland1	7
Canada 2	(
England2	(
Scotland	
Germany	1
Azores	8
Austria	1
France	
Belgium	
Russia	6
Portugal	1
Italy	1
Poland	]
	6.0
Roumania	
Sweden	
Spain	
Greece	
P. E. I.	
Madeira	6
Unknown	8

### CEMETERIES

Oak Grove	_30					
North Burial Ground	_15					
St. John's	. 1					
St. Mary's	4					
St. Patrick's	63					
Notre Dame	65					
St. Mary's (Polish)	۵					
Nwoo Hill	2					
Our Lady of Light	1					
Agedas Aham						
Sent away for interment	8					
Brought here for interment						
SEX						
	100					
Male						
Female	87					

### COLOR

White	8	8
Colored	terdi	1

### CONDITION

Married	64
Single	36
Vidowed	38
Divorced	1
Jnknown	

There were 601 cases of contagious diseases reported for Feb., viz:

*	
Diphtheria	24
Scarlet Fever	10
Typhoid Fever	4
Tuberculosis of Lungs	27
Tuberculosis, Other Forms	1
Whooping Cough	5
Measles	122
Ophthalmia Neonatorum	10
Suppurative Conjunctivitis	
Chicken Pox	22
German Mcasles	1
Cerebro-Spinal Meningitis	1
Pneumonia, Lobar	. 20
Mumps	10
Septic Sore Throat	1
Influerza	336
Syphilis	1
Gonorrhea	1

The following is the number of contagious diseases reported in each ward: 1-28; 2-27; 3-42; 4-18; 5-62; 6-33; 7-14; 8-25; 9-16. This does not include 336 cases of Influenza.

Estimating the population at 131,358, 189 deaths would give an annual death rate of 17.27 in 1,000.

This is 14 less than last month and 38 more than the same month in 1918.

FRANK L. LARKIN, Secretary

### DIPHTHERIA

The following correspondence between the State Department of Health and this Board together with "Diphtheria Bulletin for School Children" are self explanatory. The supply of Bulletins requested by the Agent has been received and the pamphlets are being distributed by the different persons and organizations named in Mr. Morriss' letter.

### STATE DEPARTMENT OF HEALTH

Boston, Mass., March 1, 1919.

Gentlemen:

In December's "Commonhealth", our monthly bulletin, an article dealing with diphtheria deaths was published calling to your attention some very lamentable facts.

As you perhaps noted, nearly 65% of the investigated deaths occurred in children 5 years of age or under, 23.1% were sick at least one week without medical attention and quite a number were found to be moribund at the time of physician's visit.

When we consider the fact that we have agencies for diagnosis, immunization of the nonimmune and specific therapy for the treatment of diphtheria, there is every good reason to expect a greater reduction both in mortality and morbidity,

It seems as if the continued high prevalence of this disease must be due to the unrecognized diphtheritic sore

throats

To further augment the work you are carrying on in the prevention of diphtheria the State Department of Health is about to launch a publicity campaign so that our people may have some authentic knowledge of diphtheria. Part of our plan is to place a school bulletin in the hands of the school children asking that they take it home to their parents. We are sending these bulletins to you with the desire that you will see that the local school superintendents receive them for distribution. If you would call to the attention of your school physicians and nurses the necessity for more intensive educational work along preventive lines, it would without doubt have a beneficial effect.

The State District Health Officer will be glad to confer with you relative to this campaign and give you the

details.

Thanking you for this assistance, I am Yours very truly EUGENE R. KELLEY.

Commissioner of Health.

### BOARD OF HEALTH

Fall River, Mass., March 14, 1919.

Eugene R. Kelley, M. D. Commissioner of Health.

State Department of Health, Boston, Mass.

Dear Doctor:

Replying to your circular letter of March 1st., I have always recognized the lamentable fact that the greater number of our deaths from Diphtheria are among infants under five years of age and I am well aware that the greatest cause for this is due to either the indifference or ignorance of the parents in not summoning a physician just as soon as symptoms develop which should be recognized by any intelligent mother. For this condition education seems to be the only remedy and between our bulletins, nurses and the District Nursing Association, we have been carrying on a campaign of education of this very

subject during the whole year of 1918.

I enclose copy of our bulletin for January of that year which has been distributed to all physicians and printed in all the daily papers of the city. I think however, your proposition to furnish booklets on subject to be distributed to children in the schools for the information of the parents will be of the greatest assistance in bringing about a recognition of this important subject and therefore very gladly welcome your proposition to send us a supply of the booklets which we will have distributed as suggested in your circular. I should say we would need at least 15,000 of these and the sooner we get them the better so that they can be distributed before school closes. In the meantime our nurses, inspectors and District Nursing Association nurses through the Superintendent, Miss Jones, who has very kindly volunteered to assist, will distribute booklets in all houses where a case of Diphtheria occurs.

Yours very truly,

S. B. MORRISS. Agent of the Board of Health.

### DIPHTHERIA BULLETIN FOR SCHOOL CHILDREN

Diphtheria is a disease just like a sore throat but it is caused by a germ so small that it cannot be seen by the eye alone.

Diphtheria and sore throat are often the same disease.

To be sure that when your throat is sore you have not diphtheria your doctor must take a culture.

When the doctor takes a culture he just rubs the sore place in your throat with some clean cotton which is wrapped around

The germs are gathered on this cotton and then put in a glass tube which has some food in it which will make the germs grow.

Then the doctor with a very strong magnifying glass looks to see if there are any germs of the diphtheria family present.

The doctor will give you some medicine called antitoxin, which will cure you if given in the beginning of the sickness.

Antitoxin acts just like a policeman, arresting the germs which are trying to do you harm.

If you have a sore throat caused by the diphtheria germs, this medicine will surely cure you if you get it in the beginning of your sickness.

If your throat is sore you must not go to school or play with

any other child because you can give the disease to them just the same as some one gave it to you.

Diphtheria is sometimes spread by using other people's pencils and playthings.

TO BE REAL WELL, YOU MUST BE REAL CLEAN.

IF your throat is sore, or if it hurts to swallow-Tell your mother or your teacher.

IF your brothers or sisters have sore throats, or if it hurts them to swallow -Tell your mother or your teacher.

IF your throat is sore, or it hurts you to swallow -Ask your mother to get the doctor.

your throat is sore

Ask the doctor to take a culture.

IF you have diphtheria -

Ask the doctor to fix your brother and sister so they won't get sick.

BECAUSE:

By doing these things you will help to save the lives of others.

We regretted very much that on account of the great pressure of work during the Influenza epidemic that we were forced to allow the publishing of the Monthly Bulletin to fall behind the regular schedule. At one time we had considered the advisability of having double numbers until we were able to bring the issues up to date but decided against doing this. We are pleased to announce to our readers that with this issue we are on schedule.

#### CONTAGIOUS HOSPITAL REPORT FOR FEBRUARY, 1919 Cerebro-Spinal Anterior Poliomyelitis Suppurative Conjunctivitis Ophthalmia Neonatoi um & Scarlet Fever Septic Sore Throat Meningitis Typhoid Chicken Influenza (Lobar) Mumps Total 6 34 5 Patients admitted 1 49 Recovery 6 27 5 42 Termination 1 3 9 Death 13

TOTAL	CASES OF	CON	ITAGI	OUS	DISE	ASES	IN	THE	CITY	FOR	FEBR	UARY	, I91	9.	
Cases reported	90 co	1 2	2 24	336	122	10	10	20	10	1 5	4	5	*****	00-30	570
Deaths	*****	1	4	42	3	1		4	1	1	1	****			57

Hall River, Mass.

# MONTHLY BULLETIN

-OF THE-

# BOARD OF HEALTH

-OF THE-

# CITY OF FALL RIVER

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VOL. III. APRIL, 1919

# Mortality for the Month of March, 1919.

	The the Deterior Classification	ation (	Causes of Deaths, Second International De	cenmai	Revision, Paris, 1909.	
	I-GENERAL DISEASES.	7:			VII-THE PUERPERAL STATE	
1	Typhoid Fever 1	73		134	Accidents of Pregnancy	
2	Typhus Fever	74		135	Puerperal Haemorrhage	
3	Relapsing Fever	7:		136	Other Accidents of Labor	
4	Malaria	76	Diseases of the Ears	137	Puerperal Septicæmia	
5	Smallpox	III	-DISEASES OF THE CIRCULATORY	138	Puerperal Albuminuria and Convulsions	
6	Measles 6		SYSTEM.	139	Puerperal Phlegmasia Alba Dolens, em-	
7	Scarlet Fever	77			bolus, Sudden Death	••
8	Whooping Cough	78		140	Following Childbirth (not otherwise de-	
9	Diphtheria and Croup	79		141	fined)	
10	Influenza	80			Puerperal Diseases of the Breast	
11	Miliary Fever	81	Diseases of the Arteries, Atheroma,	VIII	-DISEASES OF THE SKIN AND	0
13	Cholera Nostras		Aneurysm, etc 9		THE CELLULAR TISSUE.	
14	Dysentery 1	82	Embolism and Thrombosis	142	Gangrene	
15	Plague	83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle 7	
16	Yellow Fever		phlebitis, etc)	144	Acute Abscess	
17	Leprosy	84		145	Other Diseases of the Skin and Annexa	
18	Erysipelas	0.5	gitis, etc.	IX-	DISEASES OF THE BONES AND	-
19	Other Epidemic Diseases	85	Haemorrhage; Other Diseases of the	1		
a	Mumps		Circulatory System		THE ORGANS OF LOCOMOTION.	
20	Purulent Infection and Septicæmia	IV-	-DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis	
21	Glanders		SYSTEM.		Excepted)	
22	Anthrax	86	Diseases of Nasal Fossae	147	Diseases of the Joints (Tuberculosis and	
23	Rabies	87	Diseases of Larynx	140	Rheumatism Excepted)	
25	Mycoses	88	Piseases of Thyreoid Body	148	Amputations Other Discours of the Organs of Leas	
26	Pellagra	89	Acute Bronchitis14	149	Other Diseases of the Organs of Loco-	
27	Beriberi	90	Chronic Bronchitis 1		motion	
28	Tuberculosis of the Lungs11	91	Bronchopneumonia23		X-MALFORMATIONS.	
29	Acute Miliary Tuberculosis	92	Pneumonia 9	150	Congenital Malformation (Still births	
30	Tuberculous Meningitis 1	93	Pleurisy		not Included)	1
31	Abdominal Tuberculosis	94	Pulmonary Congestion, Pulmonary	377		
32	Pott's Disease	95	Apoplexy	VI	-DISEASES OF EARLY INFANCY.	
35	White Swellings	96	Asthma	151	Congenital Debility Icterus and Sclerema	
34	Tuberculosis of other Organs	97	'Pulmonary Emphysema	a	Premature Birth	0
35	Disseminated Tuberculosis	98	Other Diseases of Respiratory System	b	Congenital Debility	
36	Rickets	,	(Tuberculosis Excepted)	152	Other Diseases Peculiar to Early Infancy	2
37	Syphilis Gonococcus Infection	77		153	Lack of Care	
38 39	Cancer and other Malignant Tumors of	· V-	-DISEASES OF THE DIGESTIVE SYS-		XII-OLD AGE.	
03	the Buccal Cavity 1		TEM.	154	Senility	
40	Cancer and other Malignant Tumors of	99	Diseases of the Mouth and Annexa			
	the Stomach, Liver 1	100a			XIII—EXTERNAL CAUSES.	
41	Cancer and other Malignant Tumors of		Septic Sore Throat	155	Suicide by Poison	
	the Peritoneum, Intestines, Rectum 2	101	Diseases of the Oesophagus	156	Suicide by Asphyxia	
42	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	157	Suicide by Hanging or Strangulation	
	the Female Genital Organs 2	103	Other Diseases of the Stomach (Cancer	158	Suicide by Drowning	
43	Cancer and other Malignant Tumors of	104	Excepted) Diarrhoea and Enteritis (under 2 years) 8	159	Suicide by Firearms	
8.8	the breast	105	Diarrhoea and Enteritis (2 years and over) 3	160	Suicide by Cutting or Piercing Instru-	
44	Cancer and other Malignant Tumors of the skin	106	Ankylostomiasis	101	ments.	
45	Cancer and other Malignant Tumors of	107	Intestinal Parasites	161	Sucide by Jumping from a High Place	
10	other organs and of organs not	108	Appendicitie and Trublitie	162	Suicide by Crushing.	
	specified 2	109	Hernia, Intestinal Obstructions	163 164	Poisoning by Food	
46	Other Tumors (Tumors of the female	110	Central Discussion of the Intestines	165	Other Acute Poisonings	
	genital organs excepted)	111	Acute Vellow Atrophy of the Liver	166	Conflagration	
47	Acute Articular Rheumatism	112	Hydatid Tumor of the Liver	167	Burns (Conflagration Excepted)	1
48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	168	Absorption of Deleterious Gases (Con-	ı
49	Scurvy	115	Other Diseases of the Liver		flagration Excepted)	
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51 52	Addison's Disease	117	Simple Peritonitis (nonpuerperal)	170	Traumatism by Firearms	
53	Leuchæmia1	118	Other Diseases of the Digestive System	171	Traumatism by Cutting or Piercing In-	
54	Anæmia, Chlorosis		Cancer and Tuberculosis Excepted	172	Struments	0
55	Other General Diseases	VI-	NONVENEREAL DISEASES OF THE	173	Traumatism by Fan Traumatism in Mines and Quarries	4
56	Alcoholism (Acute or Chronic)	-	GENITO-URINARY SYSTEM AND	174	Traumatism by Machines	
57	Chronic Lead Poisoning			175	Traumatism by other Crushing (Vehi-	
58	Other Chronic Occupation Poisonings	110	ANNEXA.		cles, Railroad, Landslides, etc.)	
59	Other Chronic Poisonings	119 120	Acute Nephritis	176	Injuries by Animals	
		121	Bright's Disease 8 Chyluria 8	177	Starvation	
	DISEASES OF THE NERVOUS SYSTEM	122	Other Diseases of the Kidneys and	178	Excessive Cold	
Al	ND OF THE ORGANS OF SPECIAL	122	Annexa	179	Effects of Heat	
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60	Encephalitis 1	124	Diseases of the Bladder	182	Electricity (Lightning Excepted)	
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61a	Cerebrospinal Fever		Abscess, etc 1		struments	
62	Locomotor Ataxia:	126	Diseases of the Prostate	184	Homicide by other Means	
63a	Anterior Poliomyelitis	127	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)	
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56 87	Paralysis Without Specified Cause	130	Other Diseases of the Uterus	187	III Defined Organic Disease	
67 88	General Paralysis of the Insane Other Forms of Mental Alienation	131 132	Cysts and other Tumors of the Ovary Salpingitis and other Diseases of the	188	Sudden Death	
39	Epilepsy	102	Female Genital Organs	189	Cause of Death not Specified or Ill-defined	2
70	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast		•	
71	Convulsions of Infants 2		(Cancer Excepted)	<b></b>	mar parameter	

### Under 1 day ..... 4 1-2 days ...... 1 0 2-3 days ..... 1 3 days-1 week ...... 1 2-3 weeks ..... 3 wks-1 month ...... 1 1 0 2-3 months ...... 2 3-6 months...... 9 6-9 months ......14 6 9-12 months 2 1 1 year ......20 13 2 years ..... 5 3 2 4 years 5-9 years..... 3 2 10-14 years ...... 2 1 15-19 years...... 3 20-24 years ...... 5 3 25-29 years ...... 4 30-34 years ...... 8 35-39 years ...... 3 2 40-44 years 11 5 6 45-49 years..... 4 50-54 years ...... 8 55-59 years.......8 4 60-64 years ......12 65-69 years.....11 70-74 years...... 9 75-79 years.....10 80-S4 years ..... 2 0 85-89 years...... 2 1 90-94 years..... 95-99 years..... 100+ Unknown .....

DEATHS BY AGES

### DEATHS BY WARDS

Total......173 88 85

1	22
2	23
3	20
4	17
5	15
6	22
7	5
8	36
9	13

### HOSPITALS

City Hospital11
'Union Hospital 8
St. Anne's Hospital 1
Bay View Hospital 4
Highland Rd. Hospital
Highland Hospital
Contagious Hospital 1
City Home1
STILL BIRTHS

Males	7
Females	6
Unknown	
Total	13

### NATIVITY

Fall River9	9
Massachusetts	8
Other States1	2
Ireland 1	3
Canada1	4
England1	
Scotland	1
Germany	
Azores1	(
Austria	1
France	
Belgium	
Russia	1
Portugal	
Italy	
Poland	
Syria	2
Roumania	
Sweden	1

Spain ....

Greece.....

Unknown .....

Cape Verde Islands 1

Wales...... 1

### CEMETERIES

Oak Grove.

North Burial Ground

St. John's	. 9
St. Mary's	. 1
St. Patrick's	
Notre Dame	64
St. Mary's (Polish)	
Nwoo Hill	
Our Lady of Light	. 5
Agedas Aham	
Sent away for interment	10
Brought here for interment	32

### SEX

Male	88
Pemale	85

### COLOR

Colored	1
CONDITION	

### Married ...... 48 Single 91 Widowed ...... 34 Divorced Unknown

There were 538 cases of contagious diseases reported for Mar., viz:

Diphtheria	17
Scarlet Fever	
Typhoid Fever	1
Tuberculosis of Lungs	36
Tuberculosis, Other Forms.	1
Whooping Cough	23
Measles	
Ophthalmia Neonatorum	
Suppurative Conjunctivitis	2
Chicken Pox	
German Measles	
Cerebro-Spinal Meningitis	000741
Pneumonia, Lobar	
Mumps	
Septic Sore Throat	2
Influer.za	

Syphilis .....

Gonorrhea .....

The following is the number of contagious diseases reported in each ward: 1-23; 2-40; 3-43; 4-42; 5-90; 6-44; 7-22; 8-54; 9-19. This does not include 161 cases of Influenza.

Estimating the population at 131,358, 173 deaths would give an annual death rate of 15.80 in 1,000.

This is 16 less than last month and 31 less than the same month in 1918.

FRANK L. LARKIN, Secretary

SAMUEL B. MORRISS, Agent

# LETHARGIC ENCEPHALITIS

A new epidemic disease recently observed in Europe has been made reportable in England and Wales, under the name of

lethargic encephalitis.

A slight epidemic recently occurred in England. February 1918, the first case noted, occurred in Bermondsey and the epidemic, without attaining large proportions, came to an end in June, the peak of the epidemic being reached the last week April with the reporting of 18 cases for the week. A total of 168 cases with 37 deaths being recorded.

The disease is an acute affection due to a specific virus, which, like that of acute anterior poliomyelitis, probably finds entrance through the naso-pharynx, and which, like it, has a special affinity for the nervous system, though for different

areas and elements.

In the majority of cases a prodromal period may be recognized, but it is not very well defined, the symptoms being the Usually first early stage of those of the developed disease. symptom is simple catarrhal conjunctivitis and in smaller number of cases tonsilitis, simple sore throat, and bronchial catarrhs were observed, but the salient symptom observed in 80 per cent of the cases at this stage was progressive lethargy. be ushered in suddenly by a fainting attack or fit, but the onset was more often gradual. The patient became dazed or stupid, slept a great deal, and was drowsy by day. In marked cases the lethargy was accompanied by heaviness of the eyelids, pain in the eyes, blurred vision, and photophobia, and in a well-marked case, gradually passed into stupor. Headache was common, and giddiness was a highly characteristic early symptom, and in some cases was accompanied by diplopia. Mental hebetude was often associated with the highly emotional state, and the patient might exhibit, without apparent cause, symptoms which might be labelled hysterical. In other instances the mental depression was so great that melancholia was suspected. In a few cases only was the patient restless and irritable. The patient may be indisposed to speak, sometimes has distinct difficulty in articulation. The most frequent and characteristic signs in the prodromal period may be summed up as lethargy, asthenia, vertigo, headache, diplopia, and some alteration in the mental state.

After this prodromal period, if it occurs, the symptoms of a general infectious disease become manifest; the febrile reaction has already been mentioned. The patient lies in bed on the back, often unable to make any voluntary movement on account of great muscular weakness; the face is quite expressionless and masklike, and there may be a definite double facial paralysis. The severest cases lie like a log in bed, resembling a waxen

image in the lack of expression and mobility, and this may be accompanied by catalepsy. The patient is in a condition of stupor, although true sleep is often not obtained. usually nocturnal, is not uncommon, and in addition to the muscular trouble there is distinct rigidity in a considerable propor-The voice becomes nasal and monotonous, sention of cases. tences are uttered very slowly and words slurred into one another. Occasionally, however, once started to speak the patient chatters sentences with so great rapidity that he is often unintelligible. Irregular nonrhythmic spontaneous movements of the face, trunk, and limbs resembling those seen in chorea or thalamic infections, are not infrequent. Cases occur which present the general symptoms of the disease-pyrexia, lethargy, asthenia-without localizing signs, and as a rule can only be diagnosed from the general surrounding circumstances. commonest localizing sign is ophthalmoplegia, recognized in 75 per cent of the cases examined. Ptosis is the commonest form of third nerve paralysis and is usually at some stage bilateral. Finally, paralysis is usually bilateral, or becomes so, but is almost invariably more intense on one side than the other.

This disease has been reported in various places in country during the past few months, and as the patient is in a condition of stupor which occasionally lasts two to three days, more often two to five weeks and in exceptional cases even longer; it has been commonly, but improperly, referred to as

"sleeping sickness."

The first report of this disease in Fall River was received March 20, the patient a man 49 years of age who had been ill with Influenza about six weeks previously. wrote to the State Department of Health acquainting that Department with the report. The case was referred to the State District Health Officer for investigation. Later he advised us, that in his opinion it was not a case of Lethargic Encephalitis.

Under date of April 5, a circular letter to Boards of Health was received from the State Department of Health in regard to Lethargic Encephalitis stating that they had decided not to place it on the list of reportable diseases but would request all physicians to notify of any case of this disease coming to their notice.

On April 9, a second case was reported, the patient being a child one and a half years old. The child having been asleep for five days. This case was also investigated by the (State) District Health Officer. A copy of his report which was filed with us shows that of the Prodromal Symptoms only Lethargy slight Asthenia were present, and of symptoms of the disease proper, a temperature of 101 degrees was the only one present.

Both cases at the present writing are doing well.

#### "MILD" CASES.

Recently we were informed that the parents of a child ill with scarlet fever had entertained visitors while the house was placarded, a gross violation of the Board of Health Regulations. The reasons being that they felt that no harm was being done as the child had just a "slight" case.

There are some people who have a natural immunity to certain communicable diseases or who when infected are only slightly ill. But although they themselves are not seriously sick, nevertheless they are a grave danger to the public, especially as the "lightness" of their attack often gives them the idea that there is no danger to themselves or to others.

### BEAUTY HINT.

For giving the face a good color, get one pot of rouge and one rabbit's foot. Bury them two miles from where you live and walk out and back once a day to see that they are still there.

The housefly is a dangerous thing, The time to "swat him" is in Spring.

It is recognized amongst Health Officials that "mild" cases are a menace to the public health, as many of them are not seen by a physician and the persons ill are wandering around infecting others, and in the "slight" cases that are attended by physicians the family, quite often in a sense of false security because of the "lightness" of the disease, violates the health regulations and disregards the doctor's orders.

This carelessness sometimes being responsible for the spread of the disease in very virulent form and resulting in an epidemic of serious proportions.

Innocent babies are not to blame for mistakes and diseases of their parents-but they pay the price with imbecility, deformity and blindness.

Keep away from persons who tell you that they are not afraid of "catching" communicable diseases. They are in the same class as the person who rocks the boat.

### CONTAGIOUS HOSPITAL REPORT FOR MARCH, 1919

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Diphtheria	Malaria	Measies	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	Septic Sore Throat	Suppurative Conjunctivitis	Typhoid Fever	Whooping Cough				Total
Patients admitted	*****			3	****	3	****	teest	00010		****	****	20000				**** ****	6
Termination { Recovery Death			1	1	****	4	94444	****	*****	2	,,,,,,,	*****	-	*****	90000	40000 3		8
Death	****		****	*****		****	****	****	*****	*****	****	00104	*****	24400	*****	*****		

TOTAL CASES OF CONTAGIOUS DISEASES IN THE CITY FOR MARCH, 1919.

17 23 2 Cases reported 244 6 10 1 2 1 23 340 Deaths 19



Fall River, Mass.

# MONTHLY BULLETIN

-OF THE-

# BOARD OF HEALTH

-OF THE-

# CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

VOL. III.

MAY, 1919

# Mortality for the Month of April, 1919.

After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.

	After the Bertillon Classificat	tion of	Causes of Deaths, Second International Dece	emmai	Revision, Paris, 1909.
	I-GENERAL DISEASES.	72	Chorea		VII-THE PUERPERAL STATE
1	Typhoid Fever	73	Neuralgia and Neuritis	134	Accidents of Pregnancy
2	Typhus Fever	74	Other Diseases of Nervous System	135	Puerperal Haemorrhage
3	Relapsing Fever	75	Diseases of the Eyes and their Annexa  Diseases of the Ears	136	Other Accidents of Labor
4	Malaria	76		137	Puerperal Septicæmia
5	Smallpox	III-	DISEASES OF THE CIRCULATORY	138	Puerperal Phlegmasia Alba Dolens, em-
6	Measles		SYSTEM.	100	bolus, Sudden Death
7	Scarlet Fever	77	Pericarditis	140	Following Childbirth (not otherwise de-
8	Whooping Cough	78	Acute Endocarditis 2		fined)
9	Diphtheria and Croup	79	Organic Diseases of Heart 8	141	Puerperal Diseases of the Breast
10 11	Influenza	80	Angina Pectoris	VIII	-DISEASES OF THE SKIN AND OF
12	Asiatic Cholera	81	Diseases of the Arteries, Atheroma,	1	THE CELLULAR TISSUE.
13	Cholera Nostras	00	Aneurysm, etc	140	
14	Dysentery	82 83	Embolism and Thrombosis	142 143	Gangrene
15	Plague	00	phlebitis, etc)	144	Acute Abscess 1
16	Yellow Fever	84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa
17	Leprosy		gitis, etc.	10	
18	ErysipelasOther Epidemic Diseases	85	Haemorrhage; Other Diseases of the	6	DISEASES OF THE BONES AND OF
19 a	Mumps		Circulatory System	1	THE ORGANS OF LOCOMOTION.
20	Purulent Infection and Septicæmia 1	IV-	DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis
21	Glanders		SYSTEM.	4.5-	Excepted)
22	Anthrax	86	Diseases of Nasal Fossae	147	Diseases of the Joints (Tuberculosis and
23	Rabies	87	Diseases of Larynx	148	Rheumatism Excepted)
24	Tetanus	88	Diseases of Thyreoid Body	148	Other Diseases of the Organs of Loco-
25	Mycoses	89	Acute Bronchitis 7	. 10	motion
26	Pellagra Beriberi	90	Chronic Bronchitis		
27 28	Tuberculosis of the Lungs14	91	Bronchopneumonia14	4	X—MALFORMATIONS.
29	Acute Miliary Tuberculosis	92	Pheumonia 8	150	Congenital Malformation (Still births
30	Tuberculous Meningitis	93	Pulmonary Congestion Pulmonary		not Included) 1
31	Abdominal Tuberculosis 1	94	Pulmonary Congestion, Pulmonary Apoplexy	XI	-DISEASES OF EARLY INFANCY.
32	Pott's Disease 1	95	Gangrene of the Lung	151	Congenital Debility Icterus and Sclerema
33	White Swellings	96	Asthma	a	Premature Birth
34	Tuberculosis of other Organs	97	Pulmonary Emphysema	b	Congenital Debility
35	Disseminated Tuberculosis	98	Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy 2
36	Syphilis		(Tuberculosis Excepted)	153	Lack of Care
37 38	Gonococcus Infection	V-	DISEASES OF THE DIGESTIVE SYS-		XII-OLD AGE.
39	Cancer and other Malignant Tumors of		TEM.	15/	
	the Buccal Cavity	99	Diseases of the Mouth and Annexa	154	Senility 1
40	Cancer and other Malignant Tumors of	100a	Diseases of the Pharynx		XIII—EXTERNAL CAUSES.
	the Stomach, Liver		Septic Sore Throat	155	Suicide by Poison
41	the Peritoneum, Intestines, Rectum 1	101	Diseases of the Oesophagus	156	Suicide by Asphyxia
ΑĐ	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	157	Suicide by Hanging or Strangulation
42	the Female Genital Organs 1	103	Other Diseases of the Stomach (Cancer	158	Suicide by Drowning
43	Cancer and other Malignant Tumors of	104	Excepted)	159	Suicide by Firearms
	the breast	104 105	Diarrhoea and Enteritis (2 years and over) 1	160	Suicide by Cutting or Piercing Instru-
44	Cancer and other Malignant Tumors of	106	Ankylostomiasis	101	Sucide by Jumping from a High Place
	the skin	107	Intestinal Parasites	161 162	Suicide by Jumping from a High Place Suicide by Crushing
45	other organs and of organs not	108	Appendicitis and Typhlitis	163	Other Suicides
	specified.	109	Hernia, Intestinal Obstructions 1	164	Poisoning by Food
46	Other Tumors (Tumors of the female	110	Other Diseases of the Intestines	165	Other Acute Poisonings
10	genital organs excepted)	111	Acute Yellow Atrophy of the Liver	166	Conflagration
47	Acute Articular Rheumatism	112 113	Hydatid Tumor of the Liver	167	Burns (Conflagration Excepted)
48	Chronic Rheumatism and Gout	114	Biliary Calculi 1	168	Absorption of Deleterious Gases (Con-
49	Scurvy	115	Other Diseases of the Liver 1	169	flagration Excepted)
50	Diabetes 2 Exophthalmic Goitre 2	116	Diseases of the Spleen	170	Traumatism by Firearms
51 52	Addison's Disease	117	Simple Peritonitis (nonpuerperal)	171	Traumatism by Cutting or Piercing In-
53	Leuchæmia	118	Other Diseases of the Digestive System		struments
54	Anæmia, Chlorosis 1		Cancer and Tuberculosis Excepted	172	Traumatism by Fall
55	Other General Diseases	VI-	NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
56	Alcoholism (Acute or Chronic)		GENITO-URINARY SYSTEM AND	174	Traumatism by Machines Traumatism by other Crushing (Vehi-
57	Chronic Lead Poisoning.		ANNEXA.	175	cles, Railroad, Landslides, etc.) 1
58 50	Other Chronic Occupation Poisonings Other Chronic Poisonings	119	Acute Nephritis	176	Injuries by Animals
59		120	Bright's Disease16	177	Starvation
1-1	DISEASES OF THE NERVOUS SYSTEM	121	Chyluria	178	Excessive Cold
	ND OF THE ORGANS OF SPECIAL	122	Other Diseases of the Kidneys and	179	Effects of Heat
Al		107	Annexa	180	Lightning
0.0	SENSE.	123 124	Calculi of the Urinary Passages  Diseases of the Bladder	181 182	Homicide by Firearms
60	Encephalitis	125	Diseases of the Urethra, Urinary	183	Homicide by Cutting or Piercing In-
61 61a	Cerebrospinal Fever	120	Abscess, etc.	100	struments
62	Locomotor Ataxia	126	Diseases of the Prostate	184	Homicide by other Means
63a	Anterior Poliomyelitis	127	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)
b	Other Diseases of the Spinal Cord		tal Organs	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy 6	128	Uterine Haemorrhage (nonpuerperal) 1		AIV-ILL DEFINED DISEASES.
65	Softening of Brain	129 130	Other Diseases of the Uterus		
66	Paralysis Without Specified Cause	131	Cysts and other Tumors of the Ovary	187	Ill Defined Organic Disease
67 68	Other Forms of Mental Alienation	132	Salpingitis and other Diseases of the	188 189	Sudden Death
69	Epilepsy		Female Genital Organs	100	Outdoor Down Not Specified of The defined 4
70	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast		
71	Convulsions of Infants 2		(Cancer Excepted)	T	OTAL DEATHS 154

		CIB (A)	City Hospital	8	Oak Grove	
7	8	Females	Union Hospital		North Burial Ground	
o o	Males	eB	St. Anne's Hospital		St. John's	
Under 1 day 2	Σ,	jär 1			St. Mary's	1
	1	1	Bay View Hospital		St. Patrick's	
1-2 days			Highland Rd. Hospital		Notre Dame	
2-3 days 2	2	0	Highland Hospital		St. Mary's (Polish) Nwoo Hill	100 B
3 days-1week 4	4	0	Contagious Hospital		Our Lady of Light	1
1-2 weeks 2	1	1	City Home	7	Agedas Aham	
2-3 weeks				_	Sent away for interment	7
3 wks-1 month			STILL BIRTHS		Brought here for interment	. 23
1-2 months	0	2	. Males	8		
2-3 months 5	3	2	Females	4	SEX	0.0
3-6 months	5	4	Unknown		Male	
6-9 months 5	4	1	Total	_12	Female	00
9-12 months 5	4	1			COLOR	
1 year 7	4	3	NATIVITY		White	154
2 years	6	2	Fall River	71	Colored	
3 years 1					O 1 O 1 O 1 O 1 O 1 O 1 O 1 O 1 O 1 O 1	
·	1	0	Massachusetts		CONDITION	
4 years	()	3	Other States		Married	
5-9 years	2	0	Ireland		Single	
10-14 years 2	1	1	Canada		Widowed	
15-19 years 3	2	1	England	19	Divorced	
20-24 years 4	1	3	Scotland	1	Unknown	1
25-29 years 4	1	3	Germany			
30-34 years 7	3	4	Azores	13	There were 438 cases of contagious di	seases
35-39 years 4	1	3	Austria		reported for Apr., viz:	
40-44 years 7	2	5	France		Diphtheria	
45-49 years 8	- 5	3	Belgium		Scarlet Fever	
	10	3	_		Typhoid Fever	ð
50-54 years	10	1	Russia		Tuberculosis of LungsTuberculosis, Other Forms	
55-59 years	3	1	Portugal		Whooping Cough	9
60-64 years 4	1	3	Italy	2	Measles	244
65-69 years14	10	4	Poland	ő	Ophthalmia Neonatorum	14
70-74 years 7	3	4	Syria	-	Suppurative Conjunctivitis	8
75-79 years 6	3	3	Roumania		Chicken Pox	28
80-84 years 7	3	4	Sweden		German Measles	1
85-89 years			Spain		Cerebro-Spinal Meningitis	
90-94 years	0	3	Greece		Pneumonia, Lobar	
95-99 years			Cape Verde Islands		Mumps   Septic Sore Throat	
100 +			Wales		Influenza	
Unknown			Mexico		Syphilis	
Total154	0.0	00			Trachoma	1
10ta1194	80	08	Unknown			
DEATHS BY WARD	*****	20 24	The following is the number of continuous states of the following is the number of continuous states of the following is the number of continuous states of the following is the number of continuous states of the following is the number of continuous states of the following is the number of continuous states of the following is the number of continuous states of the following is the number of continuous states are states as a second state of the following is the number of continuous states are states as a second state of the following is the number of continuous states are states as a second state of the following is the number of continuous states are states as a second state of the following states are states as a second state of the second states are states as a second state of the second states are states as a second state of the second states are states as a second state of the second states are states as a second state of the second states are states as a second state of the second states are states as a second state o	5—9 Influ	90; 6—92; 7—12; 8—28; 9- denza.	<del>38.</del>
3		20	Estimating the population at 18	31,35	8, 154 deaths would give an a	nnual
4	4	10	death rate of 14.07 in 1,000.			
5		15	This is 19 less than last month an	d 38	less than the same month in 1918.	
6		17				
7		5		ED	ANK L. LARKIN, Secretary	
Q		27		T. 17	DAINKIN, Occionary	

SAMUEL B. MORRISS, Agent

DEATHS BY AGES HOSPITALS

CEMETERIES

# MR. H. DECLARES AGAINST THE PACIFIER

Under this title the State Department of Health of North Carolina in its Better Babies issue of the Health Bulletin uses the following to impress upon the people of its State a serious evil:

"I see by The Bulletin," remarked Mr. H. to his wife, "where the State Board of Health is warning ag'in the use of

pacifiers."

"Do tell!" commented Mrs. H. "What will that Board be next doin' to ones chillun? First, it's registerin the babies same as if they was thoroughbred cattle; then it's a buildin' a new kind of closet to keep off summer complaint an' the like; then vaccinatin' an' keeping 'em home when they has measles an' chickenpox; an' boilin' milk for the little uns an' not given' of soothin' syrup an' catnip tea; an' the brushin' of their milk teeth an' keepin' 'em fixed just the same as if they was their second set. An' now they're incriminatin' the pacifier! What will come next? I don't place much stock on such unpractical idears. I bet if the truth were tol' that I have raised more young uns than that Board. Five out of my eight are livin' an' doin' well , exceptin, for coughs an' colds, earache and toothacke, an' such natchel alments like that, an' ever' single one of 'em was raised with pacifiers to keep 'em quiet. Next I looks for 'em to pass a law indictin' honest folk for havin' typhoid an' such diseases. That Board ought to be doin' somethin' practical to benefit folks an' leave off advocatin' of so many highfalutin' ideas that it ain't had no experience with. That's my say,'

"This artickle," resumed Mr. H. "says that pacifiers cause adenoids an' ear diseases an' deformed mouths an' bad teeth an' keep chillun in poor health an' not able to learn at school an' I sorter believe there's somethin' in it. Doc Hines tol' me today that our Marthy ought to have her tonsils took out as they was

the cause of her rhumatis' an' heart spells. An' you remember how Marthy, when she was a little kid, would yell night an' day if she didn't have a pacifier in 'er mouth. Doc says this made 'er mouth crooked—kept the arches from developin', he says—an' crowded 'er teeth an' caused 'em to decay. This with the tonsils an' adenoids, he claims, makes 'er have earache and rheumatis'. It may be this that is keepin' young John an' Sally from makin' their grades at school. I had been blamin' the teacher but Doc, he says, it's mouth trouble an' that unless it's fixed right away they'll allus be dullards an' are likely to have tuberculosis later-on. Whatdo you think of that?''

"Men are all alike," said Mrs. H., "they'll believe anything they read before they'll take the word of women what have had real experience in such things. Doc's been readin' medical papers or that Bulletin an' he's followin' what a set of hospital doctors say."

"Well, I am goin' to say one thing, an' this is that: emphasized Mr. H. "I don't want to see Baby Woodrow with a pacifier ag'in, an' you mus'n't give it to him. He dropped it on the hearth while you was cookin' supper an' the cat was lickin' it when I saw it; and the baby grabbed it an' put it back in his mouth before I could even wipe it off with my pocket han'kerch'ef. Such things can't be sanitary!

"Now, Doc Hines tells me it will cost nigh on to two hundred dollars to have Marthy an' John's adenoids took an' Sally and Buddy's teeth worked over. Pacifiers are too expensive for me an' aint to be used in this fambly ag'in while I heads the house."—B. E. W.

# MEASLES

A glance at the following table of cases and deaths from measles for the past four months indicate that we are having an epidemic of this disease:

	CASES	DEATHS
January	75	5
February	122	3
	242	
April	244	10

Although we are sure that most physicians report cases promptly, we believe that, as many parents do not call in a physician for Measles, we are not getting reports in a considerable number of cases. From time to time, through the Bulletin, and by other means, we have tried to impress upon parents that Measles should not be treated as lightly as it is. That while many children apparently recover without any ill effects, that the after effects are often very serious.

We again urge that parents treat Measles with the seriousness that it deserves to be treated.

CONTAGIOUS HOSPITAL REPORT FOR APRIL, 1919

Patients admitted Termination { Recovery Death	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	a Diphtheria	. Malaria	Q & Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	Septic Sore	Suppurative Conjunctivitis	Typhoid Fever	Whooping Cough	00010	 12 8
· ·		_														

	TOTAL	CASES	OF	CO	NTA	GIOU	JS D	ISEASI	ES I	NT	HE	CITY	FOR	APRI	L,	I919.		
Cases report	ed	****	*****	28	15	District.	244	5	14	22	6		8	3	9		20100	354
Deaths																		29

One case is a cross infection of Chicken Pox and Measles.



Hall River, Mass.

# MONTHLY BULLBTIN

-OF THE-

# BOARD OF HEALTH

-OF THE-

# CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

VOL. III. JUNE, 1919

# Mortality for the Month of May, 1919.

After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.

	I-GENERAL DISEASES.	72	Chorea		VII—THE PUERFERAL STATE
		73	Neuralgia and Neuritis	134	Accidents of Pregnancy
1	Typhoid Fever	74	Other Diseases of Nervous System	135	Puerperal Haemorrhage
2	Typhus Fever	75	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor
3	Relapsing Fever	76	Diseases of the Ears	137	Puerperal Septicæmia
4	Malaria	777		138	Puerperal Albuminuria and Convulsions
5	Smallpox	111-	-DISEASES OF THE CIRCULATORY	139	Puerperal Phlegmasia Alba Dolens, em-
6	Measles		SYSTEM.	100 .	bolus, Sudden Death
7	Scarlet Fever	77	Pericarditis	140	Following Childbirth (not otherwise de-
8	Whooping Cough	78	Acute Endocarditis 1	110	fined)
9	Diphtheria and Croup	79	Organic Diseases of Heart 9	141	Puerperal Diseases of the Breast
10	Influenza 3	80	Angina Pectoris 1	1	
11	Miliary Fever	81	Diseases of the Arteries, Atheroma,	VIII	-DISEASES OF THE SKIN AND OI
12	Asiatic Cholera		Aneurysm, etc 7		THE CELLULAR TISSUE.
13	Cholera Nostras	82	Embolism and Thrombosis 1	142	Gangrene
14	Dysentery	83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle
15	Plague		phlebitis, etc)	144	Acute Abscess
16	Yellow Fever	84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa
17	Leprosy	0.2	gitis, etc.		
18	Erysipelas	85	Haemorrhage; Other Diseases of the	IX—	DISEASES OF THE BONES AND OF
19	Other Epidemic Diseases		Circulatory System	7	THE ORGANS OF LOCOMOTION.
a	Mumps				
20	Purulent Infection and Septicæmia	IV-	DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis
21	Glanders		SYSTEM.	1.47	Excepted)
22	Anthrax	86	Diseases of Nasal Fossae	147	Diseases of the Joints (Tuberculosis and
23	Rabies	87	Diseases of Larynx	148	Amputations Excepted)
24	Tetanus	88	Diseases of Thyreoid Body		Amputations
25	Mycoses	89	Acute Bronchitis 4	149	Other Diseases of the Organs of Loco-
26	Pellagra	90	Chronic Bronchitis		motion
27	Beriberi	91	Bronchopneumonia 6		X-MALFORMATIONS.
28	Tuberculosis of the Lungs	92	Pneumonia 2	150	Congenital Malformation (Still births
29	Acute Miliary Tuberculosis	93	Pleurisy		not Included)4
30	Tuberculous Meningitis	94	Pulmonary Congestion, Pulmonary		1101 11
31	Abdominal Tuberculosis		Apoplexy 2	XI	-DISEASES OF EARLY INFANCY.
32	Pott's Disease	95	Gangrene of the Lung	151	Concenited Debility Teterre and Colorena
33	White Swellings	96	Asthma	151	Congenital Debility Icterus and Sclerema
34	Tuberculosis of other Organs	97	Pulmonary Emphysema 1	a	Premature Birth 2
35	Disseminated Tuberculosis 1	98	Other Diseases of Respiratory System	159	Congenital Debility
36	Rickets		(Tuberculosis Excepted)	152 153	Other Diseases Peculiar to Early Infancy
37	Syphilis	~ ~		100	Lack of Care
38	Gonococcus Infection	V-	DISEASES OF THE DIGESTIVE SYS-		XII-OLD AGE.
39	Cancer and other Malignant Tumors of		TEM.	154	Senility
40	the Buccal Cavity	99	Diseases of the Mouth and Annexa		
40	Cancer and other Malignant Tumors of	100a	Diseases of the Pharynx		XIII-EXTERNAL CAUSES.
	the Stomach, Liver 4		Septic Sore Throat	155	Spicido by Doigon
41	Cancer and other Malignant Tumors of	101	Diseases of the Oesophagus	156	Suicide by Poison 1
40	the Peritoneum, Intestines, Rectum 2	102	Ulcer of the Stomach	157	Suicide by Asphyxia 1
42	Cancer and other Malignant Tumors of	103	Other Diseases of the Stomach (Cancer	158	Suicide by Hanging or Strangulation 1
0.12	the Female Genital Organs		Excepted) 3	159	Suicide by Drowning
43	Cancer and other Malignant Tumors of	104	Diarrhoea and Enteritis (under 2 years) 7	160	Suicide by Firearms Suicide by Cutting or Piercing Instru-
4.6	Cancer and other Malignant Tumors of	105	Diarrhoea and Enteritis (2 years and over) 1	100	
44		106	Ankylostomiasis	161	Sucide by Jumping from a High Place
4=	Cancer and other Malignant Tumors of	107	Intestinal Parasites	162	
45	Cancer and other Malignant Tumors of other organs and of organs not	108	Appendicitis and Typhlitis 1	163	Other Suicides
	specified	109	Hernia, Intestinal Obstructions 1	164	Poisoning by Food
AC	Other Tumors (Tumors of the female	110	Other Diseases of the Intestines	165	Other Acute Poisonings
46	genital organs excepted)	111	Acute Vellow Atrophy of the Liver	166	Conflagration
47	Acute Articular Rheumatism	112	Hydatid Tumor of the Liver	167	Burns (Conflagration Excepted)
48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	168	Absorption of Deleterious Gases (Con-
49	Scurvy	114	Biliary Calculi	100	flagration Excepted) 2
50	Diabetes 2	115	Other Diseases of the Liver	169	Accidental Drowning
51	Exophthalmic Goitre	116	Diseases of the Spleen	170	Traumatism by Firearms
52	Addison's Disease	117	Simple Peritonitis (nonpuerperal)	171	Traumatism by Cutting or Piercing In-
53	Leuchæmia	118	Other Diseases of the Digestive System		struments
54	Anæmia, Chlorosis		Cancer and Tuberculosis Excepted	172	Traumatism by Fall
55	Other General Diseases	VI	NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
56	Alcoholism (Acute or Chronic)		GENITO-URINARY SYSTEM AND	174	Traumatism by Machines
57	Chronic Lead Poisoning			175	Traumatism by other Crushing (Vehi-
58	Other Chronic Occupation Poisonings		ANNEXA.		cles, Railroad, Landslides, etc.) 1
59	Other Chronic Poisonings	119	Acute Nephritis	176	Injuries by Animals
		120	Bright's Disease11	177	Starvation
IID	ISEASES OF THE NERVOUS SYSTEM	121	Chyluria	178	Excessive Cold
	ND OF THE ORGANS OF SPECIAL	122	Other Diseases of the Kidneys and	179	Effects of Heat
221		107	Annexa	180	Lightning
	SENSE.	123	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis	124	Diseases of the Hrathra Hringry	182	Homicide by Firearms
61	Simple Meningitis	125	Diseases of the Urethra, Urinary	183	Homicide by Cutting or Piercing In-
61a	Cerebrospinal Fever	100	Abscess, etc.	104	struments
62	Locomotor Ataxia	126	Diseases of the Prostate 2	184	Homicide by other Means
<b>63</b> a	Anterior Poliomyelitis	127	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)
ь	Other Diseases of the Spinal Cord	100	tal Organs	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy12	128	Uterine Haemorrhage (nonpuerperal)		AIV-ILL DEFINED DISEASES.
65	Softening of Brain	129	Other Diseases of the Uterus		
66	Paralysis Without Specified Cause	130 131	Other Diseases of the Uterus	187	111 Defined Organic Disease
67	General Paralysis of the Insane	132	Cysts and other Tumors of the Ovary 1 Salpingitis and other Diseases of the	188	Sudden Death
68	Other Forms of Mental Alienation	102	Female Genital Organs	189	Cause of Death not Specified or Ill-defined 3
69	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast		
70 71	Convulsions of Infants	130	(Cancer Excepted)		
4 4			, , , , , , , , , , , , , , , , , , , ,	T	OTAL DEATHS 143

DEATHS BY AGES			HOSPITALS	CEMETERIES
		60	City Hospital15	Oak Grove23
=	<b>10</b>	Females	Union Hospital 3	North Burial Ground 9
··	Males	em	St. Anne's Hospital 1	St. John's 4
Under 1 day 3	Σ	2	_	St. Mary's
	7	Z	Bay View Hospital 6	St. Patrick's
1-2 days			Highland Rd. Hospital	Notre Dame 60
2-3 days			Highland Hospital 1	St. Mary's (Polish) 1 Nwoo Hill 2
3 days-1 week 1	()	1	Contagious Hospital	Our Lady of Light
1-2 weeks 3	2	1	City Home 4	Agedas Aham 1
2-3 weeks 2	1	1		Sent away for interment
3 wks-1 month			STILL BIRTHS	Brought here for interment 21
1-2 months 2	1	1	Males 5	
2-3 months				SEX
	1	0	Females 4	Male66
3-6 months 4	2	2	· Unknown	Female 77
6-9 months 6	4	2	Total 9	
9-12 months	2	5		COLOR
1 year15	8	7	NATIVITY	White142
2 years 1	0	1	Fall River68	Colored 1
3 years 5	3	2	Massachusetts10	
4 years 1	()	1	Other States8	CONDITION
· ·				Married 47
5-9 years 3	2	1	Ireland13	Single70
10-14 years 2	0	2	Canada 21	Widowed26
15-19 years 4	1	3	England11	Divorced
20-24 years 2	0	2	Scotland	Unknown
25-29 years 3	1	2	Germany	
30-34 years			Azores7	There were 372 cases of contagious diseases
35-39 years 4	1	3	Austria 1	reported for May, viz:
40-44 years 8	2	6	France	Diphtheria 9
· ·				Scarlet Fever
45-49 years	3	6	Belgium	Typhoid Fever 2
50-54 years 5	3	2	Russia	Tuberculosis of Lungs 23
55-59 years 6	4	2	Portugal 2	Tuberculosis, Other Forms. 3
60-64 years 9	4	5	Italy	Whooping Cough15 Measles243
65-69 years12	7	5	Poland	Ophthalmia Neonatorum 6
70-74 years 5	4	1	Syria1	Suppurative Conjunctivitis 8
75-79 years 5	3	2	Roumania 1	Chicken Pox 28
80-84 years11	5	6	Sweden	German Measles1
85-89 years	1	2	Spain	Cerebro-Spinal Meningitis 2
· ·	1			Pneumonia, Lobar11
90-94 years	U	1	Greece	Mumps 5
95-99 years			Cape Verde Islands	Septic Sore Throat
100+			Wales	Influenza 7
Unknown			Mexico	Syphilis2
Total143	66	77	Unknown	Gonormea
DEATHS BY WARD	2		The following is the number of contag	·
DEATHS BI WARD				28; 6-97; 7-9; 8-31; 9-69.
1		19	This does not include 7 cases of Influe	enza.
2		20		
3		14	Estimating the population at 131,35	58, 143 deaths would give an annual
			death rate of 13.06 in 1,000.	
4		12	· ·	
5	*****	10	This is 11 less than last month and 2 l	less than the same month in 1918.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

7 ..... 4

8 ...... 27

## The Milk Consumers' Responsibility

The Milk Regulations of the Board of Health were made and are enforced so that the consumer of this article of food may be assured that it is safe, clean and pure.

Pure milk is milk from healthy cows, milk properly handled, milk in clean containers, milk kept cool till used.

It is the duty of the Health Department to see that the first three requirements are met and also that the fourth is complied with up to the time that the milk is delivered to the consumer, but from then on the responsibility rests upon the shoulders of the consumer.

It is practically impossible, for the Board of Health to supervise the care of the milk after it reaches the consumer. The housewife must assume responsibility for this. Many complaints of bad milk have been laid at the doors of the producers when housewives themselves were to blame. Some of these were no doubt due to ignorance or carelessness in the handling of the milk after it reached the home. The housewife should know the value of milk and its products as food, the source and record of her milk supply, and the care of milk after it reaches the home.

There are four general conditions to avoid in handling milk in the home:

- 1. Placing milk in unclean utensils.
- 2. Exposing milk unnecessarily to the air.
- 3. Failure to keep milk cold up to time of using.
- 4. Exposing milk to flies.

Whenever possible milk should be kept in the original container. After the cap on the bottle is removed, another made of paper may be used or the mouth of the bottle may be covered with an inverted drinking glass. The pouring of milk from the bottle to another container, usually not thoroughly clean, means the addition of bacteria and quicker spoilage of the product. Milk should not be poured from the original container unless it is to be used immediately. Exposure of milk to the air means an increase in bacteria and in foreign material. It also means the absorption of odors from unclean refrigerators and from such foods as fish, cabbage, or onions. It is the duty of dairymen to deliver milk cold. Unless the housewife receives the milk personally when delivered, she should have an insulated porch box for holding the milk and keeping it cold. A simple inexpensive arrangement can easily be made by placing a small box or tin pail inside another larger box or pail and filling the space between with sawdust. A tight fitting cover, insulated with newspaper, should be made. Keep the bottle of milk in the refrigerator and remove only for immediate use. Under no circumstances should milk be exposed to flies. The presence of flies in milk not only makes it filthy, but exposes the person who drinks it to the possible danger of contagious disease.

### **Tuberculosis**

When this country entered the World War, it was feared that as the war progressed and after its termination, Tuberculosis would increase greatly as it had in other countries at war, notably France.

Dr. John B. Hawes, 2nd, Secretary of the Massachusetts Trustees of Hospitals for Consumptives from a recent study of conditions in Massachusetts has concluded that this has not been and is not to be the experience of this state, at least.

We are pleased to say that Dr. Hawes' conclusion applies to Fall River. In 1917 there was an increase of sixty cases reported and a decrease of 24 deaths from the year previous. This increase of cases reported was due in a large measure, we believe, to the draft examinations through which many cases were referred to the Board's Diagnostician on Tuberculosis which ordinarily would not be seen by a physician.

The Tuberculosis record for 1918 is remarkable in that we had less cases reported than in either 1917 or 1916, but there were a greater number of deaths recorded than in any year since this disease was made reportable in 1906.

The following table comparing the cases reported and deaths recorded from Pulmonary and Laryngeal Tuberculosis for the first five months of the years 1918 and 1919 show, not only a decrease for this period of 1919, but also would seem to indicate that the cases and deaths this year will be less than for any of the past four years.

	Cases re	eported	Dea	ths
	1918	1919	1918	1919
January	25	35	11	20
February	29	24	16	5
March	42	36	24	11
April	33	23.	29	14
May	46	23	18	14
	175	141	98	64

Persons with the following symptoms should consult their family physician or report at the Tuberculosis Dispensary, 88 Purchase Street for examination.

Persistent cough or cold lasting a month or longer.

Loss of weight or appetite.

Run down feeling.

Afternoon temperature.

Night sweats.

Spitting of blood or streaks of blood in sputum.

Hours of Tuberculosis Dispensary:

Wednesday, 7 to 8 p. m. Saturday, 11 to 12 a. m.

Examinations free.

### CONTAGIOUS HOSPITAL REPORT FOR MAY, 1919 Scarlet Fever Neonatorum Ophthalmia Measles Patients admitted 2 Recovery Termination Death TOTAL CASES OF CONTAGIOUS DISEASES IN THE CITY FOR MAY, 1919. Cases reported $\mathbf{2}$ 28 243 336 6 11 Deaths 16

AUG 1 1919



Hall River, Mass.

# MONTHLY BULLETIN

-OF THE-

# BOARD OF HEALTH

-OF THE-

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VOL. III. JULY, 1919

# Mortality for the Month of June, 1919.

After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.

	Titte the Bettinon Classific	461011	of Causes of Deaths, Second International De		2007
	I-GENERAL DISEASES.		2 Chorea	1	VII—THE PUERPERAL STATE
		1 1	Neuralgia and Neuritis		
1	Typhoid Fever 2		4 Other Diseases of Nervous System	4 .	8 1
2	Typhus Fever		5 Diseases of the Eyes and their Annexa		Puerperal Haemorrhage
3	Relapsing Fever		6 Diseases of the Ears		Other Accidents of Labor
4	Malaria				77 Puerperal Septicæmia
5	Smallpox	II	-DISEASES OF THE CIRCULATORY		Puerperal Albuminuria and Convulsions
6	Measles 7		SYSTEM.	1	Puerperal Phlegmasia Alba Dolens, em-
7	Scarlet Fever				bolus, Sudden Death
8	Whooping Cough	7		1	Following Childbirth (not otherwise de-
9	Diphtheria and Croup 2		8 Acute Endocarditis		fined)
10	Influenza 1	7	9 Organic Diseases of Heart 15	1	Puerperal Diseases of the Breast
11	Miliary Fever	8	Angina Pectoris	-	
12	Asiatic Cholera	8	Diseases of the Arteries, Atheroma,	V	III-DISEASES OF THE SKIN AND O
13	Cholera Nostras		Aneurysm, etc		THE CELLULAR TISSUE.
		8	2 Embolism and Thrombosis 2	14	Gangrene
14	Dysentery	8	Diseases of Veins (varices, haemorrhoids,		Furuncle
15	Plague		phlebitis, etc)	14	Acute Abscess.
16	Yellow Fever	8		14	
17	Leprosy		gitis, etc.		
18	Erysipelas	8		12	C-DISEASES OF THE BONES AND O
19	Other Epidemic Diseases		Circulatory System	1	THE ORGANS OF LOCOMOTION.
a	Mumps				
20	Purulent Infection and Septicæmia 2	IV	-DISEASES OF THE RESPIRATORY	14	
21	Glanders		SYSTEM.		Excepted)
22	Anthrax	0		14	, , , , , , , , , , , , , , , , , , , ,
23	Rabies 1	8			Rheumatism Excepted)
24	Tetanus	8		14	1
25	Mycoses	8		14	9 Other Diseases of the Organs of Loco-
26	Pellagra	8			motion
27	Beriberi	9			Y. MAI FORMATIONS
28	Tuberculosis of the Lungs 8	9	Bronchopneumonia 4	1	X-MALFORMATIONS.
29	Acute Miliary Tuberculosis	9:		15	
30	Tuberculous Meningitis	9			not Included)
31	Abdominal Tuberculosis	94	Pulmonary Congestion, Pulmonary		VI DISEASES OF TARKS
32	Pott's Disease		Apoplexy		XI—DISEASES OF EARLY INFANCY.
33	White Swellings	98	Gangrene of the Lung	15	1 Congenital Debility Icterus and Sclerema
34	Tuberculosis of other Organs	90	Asthma		a Premature Birth10
35	Disseminated Tuberculosis	9	Pulmonary Emphysema		b Congenital Debility
	Rickets	98	Other Diseases of Respiratory System	15	
36	Syphilis 2		(Tuberculosis Excepted) 1	15	3 Lack of Care
37			DISTACTO OF THE DISECTIVE OVE	10	U Lack of Care
38	Gonococcus Infection	V	—DISEASES OF THE DIGESTIVE SYS-		XII-OLD AGE.
39	Cancer and other Malignant Tumors of		TEM.	15	4 Senility
	the Buccal Cavity	99	Diseases of the Mouth and Annexa		
40	Cancer and other Malignant Tumors of	100		1	XIII—EXTERNAL CAUSES.
	the Stomach, Liver		b Septic Sore Throat	100	
41	Cancer and other Malignant Tumors of	101		15	
	the Peritoneum, Intestines, Rectum	102	Ulcer of the Stomach	15	
42	Cancer and other Malignant Tumors of	103	Other Diseases of the Stomach (Cancer	15	
	the Female Genital Organs	100	Excepted) 1	15	
43	Cancer and other Malignant Tumors of	104	Diarrhoea and Enteritis (under 2 years) 6	15	
	the breast	105	Diarrhoea and Enteritis (2 years and over)	16	9 Suicide by Cutting or Piercing Instru-
44	Cancer and other Malignant Tumors of				ments
	the skin	100		16	
45	Cancer and other Malignant Tumors of	107	Intestinal Parasites	16	
	other organs and of organs not	108	Appendicitis and Typhlitis	16	Other Suicides
	specified	109		16	4 Poisoning by Food
46	Other Tumors (Tumors of the female	110		16	
	genital organs excepted)	111	Acute Vellow Atrophy of the Liver	16	
47	Acute Articular Rheumatism	112		16	
48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	16	
49	Scurvy 1	114	Biliary Calculi	- 3	flagration Excepted)
50	Diabetes	115	Other Diseases of the Liver	16	
51	Exophthalmic Goitre	116	Diseases of the Spleen	17	
52	Addison's Disease	117	Simple Peritonitis (nonpuerperal)	17	
53	Leuchæmia	118	Other Diseases of the Digestive System		struments
54	Anæmia, Chlorosis		Cancer and Tuberculosis Excepted	17	
55	Other General Diseases	177	-NONVENEREAL DISEASES OF THE	17	
56	Alcoholism (Acute or Chronic)	V.		17	
57	Chronic Lead Poisoning		GENITO-URINARY SYSTEM AND	17	
58	Other Chronic Occupation Poisonings		ANNEXA.	* **	cles, Railroad, Landslides, etc.)
59	Other Chronic Poisonings	119	Acute Nephritis	17	
00	O that On one of the origination	126	Bright's Disease	17	
77 -	TOP A DEC OF MILE APPARAGE CHORES	121	Chyluria.	17	
11-D	ISEASES OF THE NERVOUS SYSTEM	122	Other Diseases of the Kidneys and	17	
AN	ID OF THE ORGANS OF SPECIAL		Annexa	18	
	SENSE.	123	Calculi of the Urinary Passages	18	
60	Encephalitis 1	124	Diseases of the Bladder.	18	
61	Simple Meningitis	125	Diseases of the Urethra, Urinary	18	
61a	Cerebrospinal rever		Abscess, etc.	100	struments
62	Locomotor Ataxia	126	Diseases of the Prostate	18	
<b>63</b> a	Anterior Poliomyelitis	127	Nonvenereal Diseases of the Male Geni-		
<b>63</b> a	Other Diseases of the Spinal Cord	2 20 8	tal Organs	18	
		128	Uterine Haemorrhage (nonpuerperal)	18	Cother External violence
64	Cerebral Haemorrhage, Apoplexy 3	129	Uterine Tumor (noncancerous)		XIV-ILL DEFINED DISEASES.
65	Softening of Brain	130	Other Diseases of the Uterus		
66	Paralysis Without Specified Cause	131	Cysts and other Tumors of the Ovary	18'	
67	Other Forms of Mental Alignation	132	Salpingitis and other Diseases of the	18	
68 69	Other Forms of Mental Alienation	102	Female Genital Organs	189	Cause of Death not Specified or Ill-defined
70	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast	-	
71	Convulsions of Infants		(Cancer Excepted)		TOTAL DEATHS 117
			,		• • • • • • • • • • • • • • • • • • • •

### DEATHS BY AGES Under 1 day .....10 1-2 days ...... 1 1 2-3 days ..... 0 .0 3 days-1 week ...... 1 1-2 weeks ...... 2 2-3 weeks ..... 0 0 3 wks-1 month...... 1 2-3 months ..... 0 0 3-6 months..... 4 6.9 months...... 5 9-12 months...... 6 1 year ...... 8 3 2 years ..... 5 3 years ..... 0 0 4 years ..... 2 5-9 years..... 1 10-14 years...... 3 15-19 years..... 8 20-24 years ...... 3 25-29 years ...... 1 0 30-34 years...... 1 35-39 years...... 6 40-44 years..... 6 45-49 years..... 4 50-54 years...... 6 3 55-59 years...... 6 60-64 years...... 4 65-69 years...... 4 2 70-74 years..... 6 75-79 years...... 5 80-84 years...... 3 85-89 years..... 2 2 90-94 years..... 0 0 0 95-99 years..... 0 100+...... Unknown ..... 0 Total......117 58

### DEATHS BY WARDS

	10
2	18
3	5
4	5
5	8
6	30
7	4
8	20
9	12

# City Hospital 10 Union Hospital 7 St. Anne's Hospital 6 Bay View Hospital 3 Highland Rd. Hospital 0 Highland Hospital 3 Contagious Hospital 0

HOSPITALS

# STILL BIRTHS Males 3 Females 3 Unknown 0 Total 6

City Home 5

	_
NATIVITY	
Fall River	67
Massachusetts	9
Other States	7
Ireland	
Canada	
England	1 1
Scotland	
Germany	
Azores	
Austria	
France	
Belgium	
Russia	
Portugal	
Italy	
Poland	
Syria	]
Roumania	
Sweden	
Spain	
Greece	
Cape Verde Islands	
Wales	

Mexico

SEX	
MaleFemale	58 59

# COLOR White \_\_\_\_\_\_117 Colored \_\_\_\_\_\_

CONDITION	
Married	25
Single	74
	18
Divorced	
Unknown	

There were 229 cases of contagious diseases reported for June, viz:

Diphtheria \_\_\_\_\_\_11

OCOLICO L'CYCL		8
Typhoid Fever		
Tuberculosis of Lungs	3	
Tuberculosis, Other Forms.		9
Whooping Cough		
Measles	9	į
Ophthalmia Neonatorum		ě
Suppurative Conjunctivitis		
Chicken Pox	2	
German Measles		
Cerebro-Spinal Meningitis		
Pneumonia, Lobar		
Mumng		

Septic Sore Throat

Syphilis

Gonorrhea

Rabies

Influenza 10

The following is the number of contagious diseases reported in each ward: 1—48; 2—18; 3—12; 4—11; 5—27; 6—41; 7—8; 8—24; 9—30. This does not include 10 cases of Influenza.

Estimating the population at 131,358, 117 deaths would give an annual death rate of 10.69 in 1,000.

This is 26 less than last month and 2 more than the same month in 1918.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

### Sanitary Inspections

A change in the method of Sanitary Inspections which we believe will be of much benefit to the community went into effect the first of the present month. There are but two Sanitary Inspectors in the employ of the Board of Health. Heretofore they were assigned to Districts and each took care of all investigations of contagious diseases and of nuisances, the placarding of houses for and the investigation of communicable diseases reported, terminal disinfections removing of placards etc. in his own district. The necessity of returning to the office for cards by both inspectors resulted in much time being lost and made any attempt at a systematic inspection of tenement houses and property practically out of the question. However now that the department has an automobile, a new method is being tried out.

The machine will be assigned to each Inspector for a month at a time and during the month he has the machine he will take care of all routine work. He will tag all houses, investigate all nuisance complaints, fumigate all tenements etc. after contagious diseases and when requested. The other Inspector will devote all his time to making a house to house investigation of all property in his district. Where conditions are found to be not in accordance with regulations, the owner will be notified. A follow up system is being inaugurated to insure that the property owners comply with the orders received.

With the use of the Board's machine it will be possible for one inspector to cover the whole city and in many cases investigations can be made more promptly than by the old method. Then every other month the Inspector can devote his whole time to making systematic inspections of his own district. Cards will be filed noting the condition of the tenements, cellars, plumbing and yards etc. of each piece of property, including bakeries and restaurants etc. And in the course of time we will have on file in the office a record of the condition of each piece of property in the city. With a larger inspection force the initial inspections would be completed much sooner and re-inspections could be made oftener. However, we believe that with the limited force we have that the method is a good one and a great deal will be accomplished.

### Our Streets

A visitor to a city judges it to a great extent by the conditions of its streets. We are afraid that the impressions that some of our visitors have carried away with them recently, are very unfavorable, as many of our streets are in very unsightly condition. Papers, floor sweepings and light waste litter our streets. All due to carelessness and thoughtlessness on the part of the abutters in the street. Store-keepers and in some cases householders instead of disposing of floor sweepings properly, sweep them into the public streets, others in placing their barrels along the curbing for collection by the employees of the Street Department pile papers and other light waste, at the top of the barrels and if there is the least bit of breeze blowing they are scattered throughout the neighborhood.

The City Ordinances and the Regulations of the Board of Health forbid such practises but with the small inspection force we have, and even with the cooperation of the Police Department the fixing of responsibility is difficult unless the persons are discovered in the act of sweeping or throwing rubbish etc., into the street. While at times it is necessary to punish those who are found to be violating regulations deliberately, we believe that the best method of dealing with health regulations is to secure the cooperation of the people. To have them obeyed gladly and willingly because it is for the best interests of the community rather than have the obedience reluctant and only because of fear of prosecution.

The children growing up in a neighborhood where the streets are not kept clean are very apt to live in homes that are not neat and cheerful and as a result will be careless about their personal habits and cleanliness now and in after life. The careless person in matters of personal hygiene often is an easy victim to communicable disease and by his carelessness is a menace to others.

Keeping clean is a habit. Lets acquire the habit of keeping our streets clean. Clean, neat and cheerful surroundings promote personal and community morale as well as efficiency.

	С	ONT	AGI	OUS	5 F	HOSP	ITA	AL :	REP	ORT	F	OR J	UNI	Ξ, 1	919			
		Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonator#m	Pneumonia (Lobar)	Scarlet Fever	Septic Sore Throat	Suppurative Conjunctivitie	Typhoid Fever	Whooping Cough			Total
Patients adm	nitted	F-4.00	****					*****	*****		3		****		4	*****		 7
Termination	§ Recover	у	****	****	1		1	*****			3	*****		*****	*****	*****	*****	 5
1 erinmation	Death	****		*****		••••			****	••••		*****	*****	*****	*****	****		 
	TOTAL	CASES	OF	CON	TA	GIOU	S D	ISEA	ASES	IN T	HE	CITY	FOR	JU	NE, 1	919.		
Cases reporte				23	11	04000	96	1	8	6	3	****	5	9	14		***	176
Deaths		****			2		7		10500	2				2				13

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# Fall River, Mass.

# MONTHLY BULLETIN

-OF THE-

# BOARD OF HEALTH

-OF THE-

# CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

VOL. III.

AUG. 1919

# Mortality for the Month of July, 1919.

After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.

				1	
	I-GENERAL DISEASES.	72	Chorea		VII—THE PUERPERAL STATE
		73	Neuralgia and Neuritis	134	Accidents of Pregnancy
Ţ	Typhoid Fever	74	Other Diseases of Nervous System		
2	Typhus Fever	_		135	Puerperal Haemorrhage
3	Relapsing Fever	75	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor
4	Malaria	76	Diseases of the Ears	137	Puerperal Septicæmia
5	Smallpox	TTT	-DISEASES OF THE CIRCULATORY	138	Puerperal Albuminuria and Convulsions
_		111		139	Puerperal Phlegmasia Alba Dolens, em-
6	Measles 2		SYSTEM.		
7	Scarlet Fever 1	77	Pericarditis	140	bolus, Sudden Death
8	Whooping Cough			140	Following Childbirth (not otherwise de-
9	Diphtheria and Croup	78	Acute Endocarditis 1		fined)
10	Influenza 1	79	Organic Diseases of Heart 23	141	Puerperal Diseases of the Breast
		80	Angina Pectoris	*****	DIGITATION OF MANY CHILD OF
11	Miliary Fever	81	Diseases of the Arteries, Atheroma,	AIII	-DISEASES OF THE SKIN AND O
12	Asiatic Cholera		Aneurysm, etc 8		THE CELLULAR TISSUE.
13	Cholera Nostras	82	Embolism and Thrombosis	1/0	~
14	Dysentery			142	Gangrene
15	Plague	83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle
16	Yellow Fever		phlebitis, etc)	144	Acute Abscess
		84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa
17	Leprosy	-	gitis, etc.		
18	Erysipelas	85	Haemorrhage; Other Diseases of the	1X-	DISEASES OF THE BONES AND O
19	Other Epidemic Diseases			7	THE ORGANS OF LOCOMOTION.
a	Mumps		Circulatory System	•	THE ORGINIS OF BOOOMOTION
20	Purulent Infection and Septicæmia	IV-	DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis
21	Glanders				Excepted)
			SYSTEM.	147	Diseases of the Joints (Tuberculosis and
22	Anthrax	86	Diseases of Nasal Fossae	- * 4	
23	Rabies	87	Diseases of Larynx	140	Rheumatism Excepted)
24	Tetanus 1	88	Diseases of Thyreoid Body	148	Amputations
25	Mycoses		Acute Bronchitis 2	149	Other Diseases of the Organs of Loco-
26	Pellagra	89			motion
27	Beriberi	90	Chronic Bronchitis		
	Tuberculosis of the Lungs	91	Bronchopneumonia 3		X-MALFORMATIONS.
28		92	Pneumonia	150	Congenital Malformation (Still births
29	Acute Miliary Tuberculosis	93	Pleurisy		not Included)
30	Tuberculous Meningitis	94	Pulmonary Congestion, Pulmonary		not included)
31	Abdominal Tuberculosis 1	34		YI.	-DISEASES OF EARLY INFANCY.
32	Pott's Disease		Apoplexy	ΔI	-DISEASES OF EARLY INFANCY.
33	White Swellings	95	Gangrene of the Lung	151	Congenital Debility Icterus and Sclerema
	Tuberculosis of other Organs	96	Asthma	a	Premature Birth
34		97	Pulmonary Emphysema		Congenited Debility
35	Disseminated Tuberculosis	98	Other Diseases of Respiratory System	b	Congenital Debility
36	Rickets.		(Tuberculosis Excepted)	152	Other Diseases Peculiar to Early Infancy
37	Syphilis 2		(Tabercarosis Excepted)	153	Lack of Care
38	Gonococcus Infection	V	DISEASES OF THE DIGESTIVE SYS-		VII OID ACE
39	Cancer and other Malignant Tumors of		TEM.		XII-OLD AGE.
00	the Buccal Cavity			154	Senility
40	Cancer and other Malignant Tumors of	99	Diseases of the Mouth and Annexa 1		
40	the Stomach, Liver	100a	Diseases of the Pharynx		XIII—EXTERNAL CAUSES.
4.4		b	Septic Sore Throat	155	Spicide by Doigon
41	Cancer and other Malignant Tumors of	101	Diseases of the Oesophagus		Suicide by Poison
	the Peritoneum, Intestines, Rectum 1	102	Ulcer of the Stomach	156	Suicide by Asphyxia
42	Cancer and other Malignant Tumors of	103	Other Diseases of the Stomach (Cancer	157	Suicide by Hanging or Strangulation
	the Female Genital Organs 1	100		158	Suicide by Drowning
43	Cancer and other Malignant Tumors of	404	Excepted) 1	159	Suicide by Firearms 1
	the breast 2	104	Diarrhoea and Enteritis (under 2 years). 20	160	Suicide by Cutting or Piercing Instru-
44	Cancer and other Malignant Tumors of	105	Diarrhoea and Enteritis (2 years and over) 2		ments.
**		106	Ankylostomiasis	161	Sucide by Jumping from a High Place
	the skin	107	Intestinal Parasites	162	
45	Cancer and other Malignant Tumors of	108	Appendicitis and Typhlitis		Suicide by Crushing.
	other organs and of organs not	109	Hernia, Intestinal Obstructions 1	163	Other Suicides
	specified 1		Other Diseases of the Intestines	164	Poisoning by Food
46	Other Tumors (Tumors of the female	110		165	Other Acute Poisonings
	genital organs excepted)	111	Acute Yellow Atrophy of the Liver	166	Conflagration
47	Acute Articular Rheumatism	112	Hydatid Tumor of the Liver	167	Burns (Conflagration Excepted)
48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	168	Absorption of Deleterious Gases (Con-
		114	Biliary Calculi 1	100	
49	Scurvy	115	Other Diseases of the Liver 2	160	flagration Excepted)
50	Diabetes 3	116	Diseases of the Spleen	169	Accidental Drowning
51	Exophthalmic Goitre	117	Simple Peritonitis (nonpuerperal)	170	Traumatism by Firearms
52	Addison's Disease	118	Other Diseases of the Digestive System	171	Traumatism by Cutting or Piercing In-
\$3	Leuchæmia	110			struments
54	Anæmia, Chlorosis		Cancer and Tuberculosis Excepted	172	Traumatism by Fall
55	Other General Diseases	VI	NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
56	Alcoholism (Acute or Chronic)			174	Traumatism by Machines 1
	Chronic Lead Poisoning		GENITO-URINARY SYSTEM AND	175	Traumatism by other Crushing (Vehi-
57	Other Chronic Occupation Poisonings		ANNEXA.	110	
58		119	Acute Nephritis	170	cles, Railroad, Landslides, etc.)
59	Other Chronic Poisonings	1		176	Injuries by Animals
		120	Bright's Disease	177	Starvation
II-D	ISEASES OF THE NERVOUS SYSTEM	121	Chyluria	178	Excessive Cold
	ID OF THE ORGANS OF SPECIAL	122	Other Diseases of the Kidneys and	179	Effects of Heat
25.1			Annexa	180	Lightning
	SENSE.	123	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis	124	Diseases of the Bladder 1	182	Homicide by Firearms
61	Simple Meningitis	125	Diseases of the Urethra, Urinary	183	Homicide by Cutting or Piercing In-
61a	Cerebrospinal rever 1		Abscess, etc.	- 50	struments
		126	Diseases of the Prostate	104	Homicide by other Moone
62	Locomotor Ataxia	127	Nonvenereal Diseases of the Male Geni-	184	Homicide by other Means
<b>63</b> a	Anterior Poliomyelitis	121		185	Fractures (Cause not Specified)
ь	Other Diseases of the Spinal Cord	100	tal Organs	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy 3	128	Uterine Haemorrhage (nonpuerperal)		THE REPORTED BY
65	Softening of Brain	129	Uterine Tumor (noncancerous)		AIV—ILL DEFINED DISEASES.
66	Paralysis Without Specified Cause 1	130	Other Diseases of the Uterus	187	III Defined Organic Disease
67	General Paralysis of the Insane	131	Cysts and other Tumors of the Ovary	188	Sudden Death
68	Other Forms of Mental Alienation	132	Salpingitis and other Diseases of the		
69	Epilepsy		Female Genital Organs 1	189	Cause of Death not Specified or Ill-defined 1
70	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast		
	Contabions (nonpaorporar)	1	(Cancer Excepted)	71	OTAL DEATHS 132

### DEATHS BY AGES Females 2 Under 1 day ...... 2 1-2 days ...... 2 2-3 days ..... 0 3 days-1week...... 1 1-2 weeks ...... 2 2-3 weeks ..... 0 3 wks-1 month...... 0 0 2-3 months ...... 2 3-6 months...... 7 4 6.9 months ...... 2 9-12 months...... 6 1 year ...... 9 4 2 years ..... 2 3 years \_\_\_\_\_ 2 4 years ..... 0 0 5-9 years..... 1 10-14 years...... 1 15-19 years..... 1 20-24 years ..... 4 25-29 years ...... 4 30-34 years...... 6 35-39 years .....10 3 40-44 years...... 7 45-49 years..... 9 50-54 years...... 7 55-59 years...... 3 60-64 years...... 8 65-69 years..... 10 70-74 years...... 9 75-79 years...... 6 2 80-84 years..... 6 4 85-89 years..... 0 90-94 years..... 0 95-99 years..... 0 100 + ...... 0 Unknown ..... 0 0

### DEATHS BY WARDS

Total......132

1	25
2	19
3	8
4	8
5	6
6	12
7	4
8	36
9	14

### HOSPITALS

City Hospital10
Union Hospital 13
St. Anne's Hospital 4
Bay View Hospital 6
Highland Rd. Hospital 0
Truesdale Hospital 1
Contagious Hospital 0
City Home 5
STILL BIRTHS

4

3

0 7 Malo

Males
Females
Unknown
Total

NATIVITY	
Fall River5	9
Massachusetts	5
Other States13	3
Ireland13	
Canada15	
England1	5
Scotland	
Germany	
Azores	9
Austria	
France	
Belgium	-
Russia	3
Portugal	
Italy	
	1
Syria	
Roumania	
Sweden	

Spain .....

Greece

Cape Verde Islands.....

Wales....

Mexico .....

### CEMETERIES

Oak Grove	30
North Burial Ground	9
St. John's	5
St. Mary's	1
St. Patrick's	27
Notre Dame	49
St. Mary's (Polish)	
Nwoo Hill	1
Our Lady of Light	4
Agedas Aham	
Sent away for interment	6
Brought here for interment	
	_
SEX	

Female	67
	_

### COLOR

W	hite		132
Co	lore	d	

### CONDITION

0011211011	
Married	49
Single	58
	24
Divorced	1
Jnknown	

There were 143 cases of contagious diseases reported for July, viz: Diphtheria \_\_\_\_\_11

Scarlet rever	l
Typhoid Fever	Ş
Fuberculosis of Lungs 28	
Tuberculosis, Other Forms.	
Whooping Cough10	E
Measles 4	
Ophthalmia Neonatorum	
Suppurative Conjunctivities	

Chicken Pox 12 German Measles Cerebro-Spinal Meningitis..... Pneumonia, Lobar Septic Sore Throat

Influenza Syphilis ..... Gonorrhea Tetanus .....

The following is the number of contagious diseases reported in each ward: 1-24; 2-14; 3-19; 4-11; 5-9; 6-15; 7-6; 8-16; 9-29.

Estimating the population at 131,358, 132 deaths would give an annual death rate of 12.06 in 1,000.

This is 15 more than last month and 65 less than the same month in 1918.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

### Sale of Alcohol

Notice to all concerned of the passage of Chapter 360, Acts of 1919, an Act regulating the sale of Alcohol, was given by publishing the following in the four daily papers of the City, August 19-21-23.

### PUBLIC NOTICE

UNDER THE PROVISIONS of Chapter 360, General Acts of 1919, no person, firm or corporation, other than a registered druggist, shall engage in the business of manufacturing, buying, selling or dealing in alcohol or any preparation thereof without being licensed to do so by the Board of Health of the city or town where the business is conducted, under a penalty of one hundred dollars (\$100.00) or by imprisonment in the house of correction for a term of six months, or both, for each offense.

The Board of Health is prepared to receive applications and issue licenses in accordance with said chapter.

S. B. MORRISS. Agent,

Board of Health.

### Still Births

At the request of the State Registrar of Vital Statistics we are requiring all undertakers when burying the bodies of still born infants to procure from the attending physician a certificate of birth in addition to the certificate of death, unless the attending physician has already filed a report of the birth. This puts the undertaker to some extra trouble but if the physician will cooperate with theu ndertaker, by promptly signing certificate of death and pinning to it either a birth certificate or

a note stating that report of birth has been made to the City Clerk, the extra trouble will not be great.

This procedure is taken in order to help make the registration of births more accurate. Many physicians evidently believe that in the case of a still born child a certificate of birth is not necessary, as the filing of the certificate of death covers the reporting of the birth as well as the reporting of the death. And because of this misunderstanding many still births have not been recorded. The undertakers have signified their intention of helping and surely the physicians will do their part.

### **Nursing Service**

August 1st, Miss Annie V. Coady, R. N. who has been on leave of absence, as Nurse in the United States Navy service June 1917, returned to duty. Upon Miss Coady's return, it was decided to retain permanently Miss Sadie E. McCarty, R. N. who has been temporarily employed, substituting Miss Coady. This increased our nurses to three.

With but two nurses employed the city was divided into two districts and each nurse was assigned to a district for Infant Welfare work and in addition one nurse did tubercular work for all indigent tuberculosis patients, whether in her district or not, the other followed up all Ophthalmia Neonatorum cases. The present plan is for one nurse to devote her whole time to doing tubercular nursing and for the others to work in districts taking care of all infant welfare work including children suffering from Ophthalmia Neonatorum.

	C	ONT	AG	OU	JS H	IOSI	PITA	AL :	REP	ORT	F	OR .	JUL	Y, 19	919				
		Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Diphtheria	Malaria	Measics	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	Septic Sore Throat	Suppurative Conjunctivitis	Typhoid Feven	Whooping Cough	Tetanus	**		Total
Patients adm	itted	****	*****					*****			3	*****	*****	*****		****			3
Termination	∫ Recover	ту		****				****	*****		3	****	*******	Sunne	4	80000	*****		7
1 emmation	( Death	****		*****	****		*****	****	****	*****	****	*****	*****	*****	*****	*****		*****	•••••
	TOTAL	CASES	OF	CO	NTA	GIO	US D	ISEA	ASES	IN T	HE	CITY	FO	R JU	LY, 1	919.			
Cases reporte		***	2	12	11	-	43	2	7	1	6	****	3	9	16	1	*****		113
Deaths		****	1				2				1			*****					4

OCT 2 1919



Hall River, Mass.

# MONTHLY BULLETIN

-OF THE-

# BOARD OF HEALTH

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### CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

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VOL. III.

SEPT. 1919

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After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.

	I-GENERAL DISEASES.	72	Chorea		VII—THE PUERPERAL STATE
		73	Neuralgia and Neuritis	134	Accidents of Pregnancy
N.	Typhoid Fever	74	Other Diseases of Nervous System		
2	Typhus Fever			135	Puerperal Haemorrhage
3	Relapsing Fever	75	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor
4	Malaria	76	Diseases of the Ears	137	Puerperal Septicæmia
5	Smallpox	TII.	-DISEASES OF THE CIRCULATORY	138	Puerperal Albuminuria and Convulsions 1
6		***		139	Puerperal Phlegmasia Alba Dolens, em-
7	Measles		SYSTEM.		bolus, Sudden Death
- /	Scarlet Fever	77	Pericarditis	140	Following Childbirth (not otherwise de-
8	Whooping Cough	78	Acute Endocarditis	170	
9	Diphtheria and Croup 1				fined)
10	Influenza	79	Organic Diseases of Heart 12	141	Puerperal Diseases of the Breast
11	Miliary Fever	80	Angina Pectoris	37777	DICEACES OF THE OWN AND OF
		81	Diseases of the Arteries, Atheroma,	A 111.	-DISEASES OF THE SKIN AND OF
12	Asiatic Cholera		Aneurysm, etc 9		THE CELLULAR TISSUE.
13	Cholera Nostras	82	Embolism and Thrombosis 1	142	Gangrene
14	Dysentery 1	83	Diseases of Veins (varices, haemorrhoids,		
15	Plague	00		143	Furuncle
16	Yellow Fever		phlebitis, etc)	144	Acute Abscess
17	Leprosy	84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa
18	Erysipelas		gitis, etc	IV 1	DISTRICTO OF THE DONES AND OF
		85	Haemorrhage; Other Diseases of the	17-1	DISEASES OF THE BONES AND OF
19	Other Epidemic Diseases	1	Circulatory System	r	THE ORGANS OF LOCOMOTION.
a	Mumps	1			
20	Purulent Infection and Septicæmia	IV-	-DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis
21	Glanders		SYSTEM.		Excepted)
22	Anthrax			147	Diseases of the Joints (Tuberculosis and
23	Rabies	86	Diseases of Nasal Fossae		Rheumatism Excepted)
		87	Diseases of Larynx	148	Amputations
24	Tetanus	88	Diseases of Thyreoid Body	149	
25	Mycoses	89	Acute Bronchitis 3	110	Other Diseases of the Organs of Loco-
26	Pellagra	90	Chronic Bronchitis		motion
27	Beriberi		Bronchopneumonia		X-MALFORMATIONS.
28	Tuberculosis of the Lungs14	91		150	
29	Acute Miliary Tuberculosis 1	92	Pneumonia 1	150	Congenital Malformation (Still births
30	Tuberculous Meningitis 1	93	Pleurisy		not Included) 2
		94	Pulmonary Congestion, Pulmonary		· · · · · · · · · · · · · · · · · · ·
31	Abdominal Tuberculosis		Apoplexy	XI-	-DISEASES OF EARLY INFANCY.
32	Pott's Disease	95	Gangrene of the Lung		
33	White Swellings	96	Asthma	151	Congenital Debility Icterus and Sclerema
34	Tuberculosis of other Organs			a	Premature Birth
35	Disseminated Tuberculosis	97	Pulmonary Emphysema	p,	Congenital Debility 1
36	Rickets	98	Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy 2
37	Syphilis		(Tuberculosis Excepted)	153	Lack of Care
		3.7	-DISEASES OF THE DIGESTIVE SYS-		
38	Gonococcus Infection	V			XII-OLD AGE.
29	Cancer and other Malignant Tumors of		TEM.	154	Senility
	the Buccal Cavity	99	Diseases of the Mouth and Annexa		
40	Cancer and other Malignant Tumors of	1002	1		XIII-EXTERNAL CAUSES.
	the Stomach, Liver				
41	Cancer and other Malignant Tumors of		Septic Sore Throat	155	Suicide by Poison
	the Peritoneum, Intestines, Rectum 2	101	Diseases of the Oesophagus	156	Suicide by Asphyxia
42	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	157	Suicide by Hanging or Strangulation
1.0	the Female Genital Organs 1	103	Other Diseases of the Stomach (Cancer	158	Suicide by Drowning
48	Cancer and other Malignant Tumors of		Excepted)	159	Suicide by Firearms
43		104	Diarrhoea and Enteritis (under 2 years)32	160	Suicide by Cutting or Pierring Instru
	the breast	105	Diarrhoea and Enteritis (2 years and over)	100	Suicide by Cutting or Piercing Instru-
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	the skin	107	Intestinal Parasites	161	Sucide by Jumping from a High Place
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	other organs and of organs not	103	Appendicitis and Typhlitis	163	Other Suicides
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42	Acute Articular Rheumatism	112	Hydatid Tumor of the Liver	167	Burns (Conflagration Excepted)
47		113	Cirrhosis of the Liver 2		
48	Chronic Rheumatism and Gout	114	Biliary Calculi 1	168	Absorption of Deleterious Gases (Con-
49	Scurvy	115	Other Diseases of the Liver	4.00	flagration Excepted) 1
50	Diabetes 1			169	Accidental Drowning 1
51	Exophthalmic Goitre	116	Diseases of the Spleen	170	Traumatism by Firearms
52	Addison's Disease	117	Simple Peritonitis (nonpuerperal)	171	Traumatism by Cutting or Piercing In-
53	Leuchæmia	118	Other Diseases of the Digestive System		struments
54	Anæmia, Chlorosis		Cancer and Tuberculosis Excepted	172	Traumatism by Fall 4
\$5	Other General Diseases	VI	NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
56	Alcoholism (Acute or Chronic)	V A		174	Traumatism by Machines
			GENITO-URINARY SYSTEM AND		
57	Other Chanic Occupation Poisonings		ANNEXA.	175	Traumatism by other Crushing (Vehi-
58	Other Chronic Occupation Poisonings	110			cles, Railroad, Landslides, etc.) 1
59	Other Chronic Poisonings	119	Acute Nephritis	176	Injuries by Animals
		120	Bright's Disease13	177	Starvation
II-D	ISEASES OF THE NERVOUS SYSTEM	121	Chyluria	178	Excessive Cold
		122	Other Diseases of the Kidneys and	179	Effects of Heat
AL	ID OF THE ORGANS OF SPECIAL		Annexa	180	Lightning
	SENSE.	123	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis	124	Diseases of the Bladder	182	Homicide by Firearms
61	Simple Meningitis	125	Diseases of the Urethra, Urinary	183	Homicide by Cutting or Piercing In-
61a	Cerebrospinal Fever 1		Abscess, etc.	- 50	struments
	Locomotor Ataxia	126	Diseases of the Prostate	184	Homicide by other Means
62		127	Nonvenereal Diseases of the Male Geni-		
63a	Anterior Poliomyelitis	121		185	Fractures (Cause not Specified)
ь	Other Diseases of the Spinal Cord 1	100	tal Organs	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy 2	128	Uterine Haemorrhage (nonpuerperal)		THE HE DERINED DISEASES
65	Softening of Brain	129	Uterine Tumor (noncancerous)		AIV-ILL DEFINED DISEASES.
66	Paralysis Without Specified Cause	130	Other Diseases of the Uterus	187	lil Defined Organic Disease
67	General Paralysis of the Insane	131	Cysts and other Tumois of the Ovary	188	Sudden Death
68	Other Forms of Mental Alienation	132	Salpingitis and other Diseases of the	189	Cause of Death not Specified or Ill-defined 2
60	Epilepsy		Female Genital Organs 1	103	cause of seatth not opecated of in-defined 2
70	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast		
71	Convulsions of Infants		(Cancer Excepted)	T	OTAL DEATHS 125

#### DEATHS BY AGES Oak Grove City Hospital 9 North Burial Ground ..... 2 Union Hospital 7 St. John's ..... 0 St. Anne's Hospital 6 St. Mary's ...... 1 Under 1 day ...... 3 Bay View Hospital 0 St. Patrick's ...... 42 Notre Dame...... 59 1-2 days ...... 3 Highland Rd. Hospital 0 St. Mary's (Polish) ...... 2 Truesdale Hospital ...... 2 2-3 days ...... 0 Nwoo Hill 3 days-1 week ..... 0 0 Contagious Hospital 0 Our Lady of Light \_\_\_\_\_ 2 1-2 weeks ...... 3 City Home \_\_\_\_\_3 Agedas Aham 1 2-3 weeks ...... 0 Sent away for interment STILL BIRTHS Brought here for interment ....... 18 3 wks-1 month...... 1 1-2 months...... 6 Males \_\_\_\_\_ 5 SEX 2-3 months ...... 8 Females ...... 7 Male ...... 66 3-6 months......14 Unknown 0 Female ...... 59 6-9 months...... 3 Total 12 COLOR NATIVITY 1 year ...... 4 White \_\_\_\_\_\_125 Colored 2 years ..... 1 Fall River \_\_\_\_\_73 3 years ..... 1 Massachusetts ...... 3 CONDITION 4 years ..... 4 Other States \_\_\_\_\_\_7 Married ...... 36 5-9 years..... 4 Ireland \_\_\_\_\_10 10-14 years...... 0 Widowed ...... 20 Canada ....... 15 Divorced ..... 15-19 years ..... 4 England ......10 Unknown.... 20-24 years ...... 5 Scotland \_\_\_\_\_ 1 25-29 years...... 5 5 Germany..... There were 100 cases of contagious diseases 30-34 years 4 Azores ...... 2 reported for Aug., viz: 35-39 years...... 3 Austria ..... Diphtheria ...... 7 Scarlet Fever 1 40-44 years...... 6 France ..... Belgium ..... Tuberculosis of Lungs......26 50-54 years..... 9 Russia ..... Tuberculosis, Other Forms. ..... 6 55-59 years...... 3 0 Portugal ..... Whooping Cough......18 60-64 years ...... 5 Italy ...... 1 Measles ...... 17 Ophthalmia Neonatorum ...... 9 65-69 years..... 6 Poland ..... Suppurative Conjunctivitis..... 70-74 years 4 Syria ..... Roumania ..... 75-79 years...... 5 German Measles 80-84 years ...... 3 Sweden\_\_\_\_\_ Cerebro-Spinal Meningitis..... 2 85-89 years..... 2 Pneumonia, Lobar \_\_\_\_\_1 0 Spain ..... Mumps 90-94 years..... 1 Greece..... 0 Septic Sore Throat \_\_\_\_\_\_1 95-99 years..... 0 Nova Scotia 1 Influenza. 100 + ...... 0 0 Wales...... 1 Syphilis \_\_\_\_\_\_1 Unknown ..... 0 Brazil Gonorrhea..... Total 125 66 Unknown. Malaria 1 DEATHS BY WARDS 1..... 18 2..... 13

4 5 .....

7 .....

8 .....

9 .....

14

30

3

20

HOSPITALS

The following is the number of contagious diseases reported in each ward: 1-13; 2-6; 3-11; 4-21; 5-5; 6-26; 7-2; 8-6; 9-10.

Estimating the population at 131,358, 125 deaths would give an annual death rate of 11.42 in 1,000.

This is 8 less than last month and 53 less than the same month in 1918.

FRANK L. LARKIN, Secretary.

CEMETERIES

SAMUEL B. MORRISS, Agent.

### MEDICAL INSPECTION OF SCHOOLS

With the re-opening of schools for the school year, the activities of the Medical Inspectors of Schools are resumed.

No thinking person can doubt the value of reasonable medical inspection of school children, if properly done and followed up. The main purposes of the Medical Inspectors of Schools are to detect the presence of children ill with communicable diseases and to discover defects and diseases, other than communicable, which retard the physical and mental development of children and hamper them in their school work.

Children who are found to be ill with contagious and infectious diseases are promptly excluded for the protection of the others attending the school. Where a child is found to have any physical defect that can be corrected, or is suffering from a disease that will respond to treatment, the parent or guardian is notified and advised to secure treatment for the child. If no steps are taken to have the child treated after two weeks, a card is returned to the Board of Health Office by the school teachers stating that no treatment has been given. The case is then followed up by a nurse of this department or of the District Nursing Association and if the parents are unable to pay for the necessary treatment the child is referred to the proper clinic at either the City Hospital or one of the private hospitals in the city. With the exception, however, of defects of teeth which are to have immediate attention. Unless the parents are able and willing to provide this the teacher will procure authorization for the work and send the child to the Dental Clinic.

Much time and trouble could be saved if the parents or

guardians of school children were more alive to their responsibilities to the child. Upon the receipt of a notice stating that a child is suffering from some physical defect, the parent should take steps to place the child under proper medical supervision by a private physician if financially able, if not, by the proper clinic at one of the local hospitals.

Experience shows that the failure to prevent and correct impairment of hearing and vision and to detect abnormalities of color perception, to secure dental attention, to alleviate postural defects, to place the normal child in an environment best suited for physical development, greatly restricts the range of industrial, business, and professional opportunity in adult life. Moreover, a number of defective children are unable to take full advantage of their educational opportunity. fall behind in school work, become discouraged because unable to keep pace with normal children in their classes and ultimately quit school poorly prepared for useful citizenship. It is of prime importance to the community, therefore, to take cognizance of these possibilities in order that steps may be taken to prevent them. Furthermore, the control of the communicable diseases in the community can be accomplished more effectively when undertaken in connection with the medical inspection of school children. Altogether, the loss of life, the impairment of hearing and vision, the tendency to degenerative diseases caused by neglect of personal hygiene, and the loss of time in school work render it highly desirable from the economic standpoint alone that medical inspection of schools should be seriously undertaken and followed up.

### **INFLUENZA**

In common with leaders in health work throughout the State, the Board of Health is of the opinion that there will be no return of the "Flu" epidemic of last year. Much concern was felt by the officials of the Board on the sixth of September when one of our physicians reported a "real" case of "Spanish" Influenza. However, when we learned the following day that the case had cleared up and the patient was well, we felt that the diagnosis had not been correct.

Some of our people have been alarmed recently by reports they have received that this dreaded disease has broken out in neighboring towns and cities and throughout the State. The records of our State Department of Health disprove these wild statements as the actual number of cases reported is lower than would be expected under normal conditions.

To keep well, keep clean.
Wash your hands before each meal.
Avoid persons who sneeze,
Sleep well. Eat well. Play well. DON'T WORRY.

Soap and sunlight are the most famous cleaners in the world. Soap removes the visible dirt and sunlight destroys the invisible enemies of health. Soap is cheap; sunlight is free.

#### CONTAGIOUS HOSPITAL REPORT FOR AUGUST, 1919 Typhoid Fever Meningitis Diphtheria Malaria Patients admitted 4 3 Recovery .... Termination Death TOTAL CASES OF CONTAGIOUS DISEASES IN THE CITY FOR AUGUST, 1919. 2 Cases reported 3 7 1 17 9 1 1 65 Deaths



Hall River, Mass.

# MONTHLY BULLETIN

-OF THE-

# BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

VOL. III.

OCT., 1919

# Mortality for the Month of September, 1919.

After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.

	A COMPRAT DIGEAGES		70	Channe		VII—THE PUERPERAL STATE
	I-GENERAL DISEASES.		72	Neuralgia and Neuritis	174	
1	Typhoid Fever		74	Other Diseases of Nervous System	134	Accidents of Pregnancy
2	Typhus Fever				135	Puerperal Haemorrhage
3	Relapsing Fever		75 76	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor
4	Malaria			Diseases of the Ears	137	Puerperal Septicæmia
5	Smallpox		III	DISEASES OF THE CIRCULATORY	138	Puerperal Albuminuria and Convulsions.
6	Measles	2		SYSTEM.	139	Puerperal Phlegmasia Alba Dolens, em-
7	Scarlet Fever				140	bolus, Sudden Death
8	Whooping Cough	2	77	Pericarditis	140	Following Childbirth (not otherwise de-
9	Diphtheria and Croup		78	Acute Endocarditis	144	fined)
10	Influenza		79	Organic Diseases of Heart 5	141	Puerperal Diseases of the Breast
11	Miliary Fever		80	Angina Pectoris	VIII-	-DISEASES OF THE SKIN AND O
12	Asiatic Cholera		81	Diseases of the Arteries, Atheroma,	1	
13	Cholera Nostras			Aneurysm, etc 4		THE CELLULAR TISSUE.
14	Dysentery	i	82	Embolism and Thrombosis	142	Gangrene
15	Plague		83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle
16	Yellow Fever			phlebitis, etc)	144	Acute Abscess
17	Leprosy		84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa
18	Erysipelas	1		gitis, etc.	IX-1	DISEASES OF THE BONES AND OF
19	Other Epidemic Diseases		85	Haemorrhage; Other Diseases of the		
a	Mumps			Circulatory System	1	THE ORGANS OF LOCOMOTION.
20	Purulent Infection and Septicæmia		137	DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis
	Glanders		1 4			Excepted)
21	Anthrax			SYSTEM.	147	Diseases of the Joints (Tuberculosis and
22			86	Diseases of Nasal Fossae		Rheumatism Excepted)
23	Tetanus		87	Diseases of Larynx	148	Amputations
24			88	Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-
25	Mycoses		89	Acute Bronchitis 2		motion
26	Pellagra		90	Chronic Bronchitis 1		
27	Beriberi	5	91	Bronchopneumonia 4		X-MALFORMATIONS.
28	Tuberculosis of the Lungs	49	92	Pneumonia	150	Congenital Malformation (Still births
29	Acute Miliary Tuberculosis		93	Pleurisy 1		not Included)
30	Tuberculous Meningitis	-	94	Pulmonary Congestion, Pulmonary		
31	Abdominal Tuberculosis			Apoplexy	XI-	-DISEASES OF EARLY INFANCY.
32	Pott's Disease		95	Gangrene of the Lung	151	Congenital Debility Icterus and Sclerema
33	White Swellings	Ì	96	Asthma	a	
34	Tuberculosis of other Organs	1	97	Pulmonary Emphysema	b	Premature Birth 4
35	Disseminated Tuberculosis		98	Other Diseases of Respiratory System	Į.	Congenital Debility
36	Rickets	0		(Tuberculosis Excepted)	152	Other Diseases Peculiar to Early Infancy
37	Syphilis	2			153	Lack of Care
38	Gonococcus Infection		V	DISEASES OF THE DIGESTIVE SYS-		XII-OLD AGE.
39	Cancer and other Malignant Tumors of	i		TEM.	154	
	the Buccal Cavity	i	99	Diseases of the Mouth and Annexa	104	Senility 1
40	Cancer and other Malignant Tumors of	- 1		Diseases of the Pharynx		XIII-EXTERNAL CAUSES.
	the Stomach, Liver	3		Septic Sore Throat		
41	Cancer and other Malignant Tumors of	1			155	Suicide by Poison
	the Peritoneum, Intestines, Rectum	2	101	Diseases of the Oesophagus	156	Suicide by Asphyxia
42	Cancer and other Malignant Tumors of	1	102	Ulcer of the Stomach	157	Suicide by Hanging or Strangulation
	the Female Genital Organs	1	103	Other Diseases of the Stomach (Cancer	158	Suicide by Drowning
43	Cancer and other Malignant Tumors of	1	101	Excepted)	159	Suicide by Firearms
	the breast		104	Diarrhoea and Enteritis (under 2 years)21	160	Suicide by Cutting or Piercing Instru-
44	Cancer and other Malignant Tumors of		105	Diarrhoea and Enteritis (2 years and over) 1		ments
• •	the skin		106	Ankylostomiasis	161	Sucide by Jumping from a High Place
45	Cancer and other Malignant Tumors of		107	Intestinal Parasites	162	Suicide by Crushing.
	other organs and of organs not	-	108	Appendicitis and Typhlitis	163	Other Suicides
	specified.	1	109	Hernia, Intestinal Obstructions 1	164	Poisoning by Food
46	Other Tumors (Tumors of the female	Î	110	Other Diseases of the Intestines	165	Other Acute Poisonings
	genital organs excepted)		111	Acute Vellow Atrophy of the Liver	166	Conflagration
47	Acute Articular Rheumatism		112	Hydatid Tumor of the Liver	167	Burns (Conflagration Excepted)
48	Chronic Rheumatism and Gout		113	Cirrhosis of the Liver	168	Absorption of Deleterious Gases (Con-
49	Scurvy		114	Biliary Calculi		flagration Excepted) 3
50	Diabetes	3	115	Other Diseases of the Liver	169	Accidental Drowning
51	Exophthalmic Goitre		116	Diseases of the Spleen	170	Trau natism by Firearms
52	Addison's Disease		117	Simple Peritonitis (nonpuerperal)	171	Trau natism by Cutting or Piercing In-
53	Leuchæmia		118	Other Diseases of the Digestive System		struments
54	Anæmia, Chlorosis			Cancer and Tuberculosis Excepted	172	Traumatism by Fall 2
85	Other General Diseases	1	VI	NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
56	Alcoholism (Acute or Chronic)				174	Traumatism by Machines
57	Chronic Lead Poisoning			GENITO-URINARY SYSTEM AND	175	Traumatism by other Crushing (Vehi-
58	Other Chronic Occupation Poisonings			ANNEXA.		cles, Railroad, Landslides, etc.)
59	Other Chronic Poisonings		119	Acute Nephritis 1	176	Injuries by Animals
00	Other Chrome I oboning outside in		120	Bright's Disease 8	177	Starvation
**	TOP LODG OF THE MEDITORS ONCORD	1	121	Chyluria	178	Excessive Cold
	ISEASES OF THE NERVOUS SYSTEM	AT	122	Other Diseases of the Kidneys and	179	Effects of Heat
Al	ND OF THE ORGANS OF SPECIAL			Annexa	180	Lightning
	SENSE.		123	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis		124	Diseases of the Bladder	182	Homicide by Firearms
	Simple Meningitis		125	Diseases of the Urethra, Urinary	183	Homicide by Cutting or Piercing In-
61	Cerebrospinal Fever	2		Abscess, etc.		struments
61a	Locomotor Ataxia	44	126	Diseases of the Prostate	184	Homicide by other Means
62			127	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)
63a	Anterior Poliomyelitis	1		tal Organs	186	Other External Violence
e a	Other Diseases of the Spinal Cord		128	Uterine Haemorrhage (nonpuerperal)	100	The laterial Politice
64	Cerebral Haemorrhage, Apoplexy	I	129	Uterine Tumor (noncancerous)		AIV-ILL DEFINED DISEASES.
65	Softening of Brain		130	Other Diseases of the Uterus	4.00	
68	Paralysis Without Specified Cause		131	Cysts and other Tumors of the Ovary	187	Ill Defined Organic Disease
67	General Paralysis of the Insane		132	Salpingitis and other Diseases of the	188	Sudden Death
68	Other Forms of Mental Alignation		.02	Female Genital Organs 1	189	Cause of Death not Specified or Ill-defined
69	Epilepsy		133	Nonpuerperal Diseases of the Breast		
78	Convulsions (nonpuerperal)		-00	(Cancer Excepted)	Т	OTAL DEATHS 101

### DEATHS BY AGES Females Under 1 day ..... 4 1-2 days ...... 0 2-3 days ...... 1 3 days-1week...... 0 1-2 weeks ...... 3 2-3 weeks ...... 1 2 1-2 months...... 0 0 2-3 months ...... 2 3-6 months...... 7 1 year ...... 7 4 2 years ..... 4 3 3 years ..... 1 4 years ..... 2 5-9 years...... 3 0 10-14 years ...... 2 15-19 years..... 2 20-24 years ...... 3 25-29 years ...... 1 30-34 years ...... 4 35-39 years ...... 2 40-44 years..... 5 45-49 years...... 3 50-54 years...... 6 55-59 years..... 4 60-64 years ...... 6 65-69 years..... 4 70-74 years ..... 4 75-79 years...... 1 80-84 years ..... 0 0 85-89 years..... 4 90-94 years..... 1 95-99 years...... 1

### DEATHS BY WARDS

Total......101 45 56

100+ ..... 0

Unknown ..... 0

1	13
2	8
3	27
4	8
5	3
6	10
7	2
8	20
9	10

### HOSPITALS

City Hospital	9)						
Union Hospital	6						
St. Anne's Hospital	1						
Bay View Hospital	2						
Highland Rd. Hospital	0						
Truesdale Hospital	1						
Contagious Hospital							
City Home	2						
	-						

### STILL BIRTHS

Males		7
Females		6
Unknown		0
Total1	i	3

NATIVITY	
Fall River	59
Massachusetts	6
Other States	7
Ireland	5
Canada	7
England	7
Scotland	
Germany	
Azores	7
Austria	
France	
Belgium	
Russia	
Portugal	1
Italy	
Poland	1
Syria	
Roumania	
Sweden	
Spain	

Greece

Nova Scotia

Wales.

Brazil .....

Unknown .....

Λ

### CEMETERIES

18

100

Oak Grove

White.

Colored...

Oak Olovo							
North Burial Ground	5						
St. John's	1						
St. Mary's	1						
St. Patrick's 3							
Notre Dame 3	4						
St. Mary's (Polish)							
	1						
Our Lady of Light	4						
Agedas Aham							
Sent away for interment	8						
Brought here for interment 2							
SEX							

COLOP	
Female	56
mare	-# e1

### CONDITION

COMBILION	
Married	23
Single	59
Vidowed	19
Divorced	
Jnknown	

There were 125 cases of contagious diseases reported for Sept., viz:

Diphtheria ......

Scarlet Fever
Typhoid Fever1
Tuberculosis of Lungs2
Tuberculosis, Other Forms.
Whooping Cough1
Measles 2
Ophthalmia Neonatorum1
Suppurative Conjunctivitis
Chicken Pox
German Measles
Cerebro-Spinal Meningitis

Septic Sore Throat 1
Influenza 3
Syphilis Gonorrhea Anterior Poliomyelitis 1

Pneumonia, Lobar .....

Mumps

The following is the number of contagious diseases reported in each ward: 1-30; 2-12; 3-11; 4-15; 5-12; 6-22; 7-5; 8-6; 9-12

Estimating the population at 131,358, 101 deaths would give an annual death rate of 9.23 in 1,000.

This is 24 less than last month and 163 less than the same month in 1918.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

# SALE OF WOOD ALCOHOL OR DENATURED ALCOHOL.

It has been reported to the Department that the provisions of Chapter 360, Acts of 1919 are being violated by dealers in wood alcohol or denatured alcohol. Some violations of the law are due to the failure of dealers to secure licenses, other violations are through dealers who have received licenses, neglecting to compyl with Sections 3 and 4 of the Act which require that "Every container of methyl alcohol or wood alcohol, so-called, or denatured alcohol, shall bear a label of white paper upon which shall be printed in large red letters the words, DEADLY POISON, the name and place of business of the vendor, and the number of the vendor's license. The label shall also bear in legible type the words, NOT FOR INTERNAL USE, CAUSES BLIND. NESS, KEEP FROM THE EYES.

"The sale of methyl alcohol, wood alcohol, denatured alcohol, or any preparation containing alcohol as described in section one, by a person not licensed as herein required, or to a minor or to any person without reasonable investigation and inquiry to determine that the same is not to be used for drinking purposes, shall constitute the offense of unlawful sale of alcohol and may be described as such in any complaint or indictment without more but a person so charged shall be entitled to a bill of particulars in accordance with section thirty-nine of chapter two hundred and eighteen of the Revised Laws."

All persons, firms or corporations affected by this law are notified that the Board of Health is about to take steps to enforce the law by requiring that they secure licenses and comply with the provisions of the law. Section one which follows defines those who must be licensed: "No person, firm or corporation other than a registered druggist shall engage in this commonwealth in the business of manufacturing, buying, selling or dealing in methyl alcohol, or wood alcohol, so-called, or denatured alcohol, or any preparation used for manufacturing or commercial purposes which contains more than three per cent of any of the said alcohols and is

intended for use other than as a beverage, without being licensed so to do by the Board of Health of the city or town where the business is conducted."

Violations of any provision of the act are subject to a penalty of a fine not exceeding one hundred (\$100.00) dollars for each offense or by imprisonment for a term not exceeding six months or by both such fine and imprisonment. The license fee is \$1.00.

### DOG BITE.

During the past month, several cases of Dog Bite have been reported to the Board of Health and in two cases the anti-rabic treatment was advised. These two persons, and adult and a child, are still under treatment.

The State Department of Health has declared "Dog Bite" (rabid dog) to be a "Disease Dangerous to the Public Health" and, therefore, reportable to the local Board of Health. But this department has advanced a step farther than that and requires all Dog Bites, to be reported, whether or not the physician in charge considers the dog rabid.

When a dog bite is reported to this office, Dr. Thomas E. Maloney, V. S., Inspector of Animals is notified and he investigates the circumstances and examines the dog. If it shows any evidence of rabies or there is a history of exposure to rabies the dog is killed. If there are no symptoms present the dog is placed under quarantine and if any suspicious signs develop, it is killed and the head is shipped to the Laboratories of the State Department of Health at Boston for further examination. The result of the laboratory examination is reported back to the Board of Health and, if positive, the person bitten is advised to secure anti-rabic treatment.

If the financial condition of the patient is such that he cannot afford to pay for the treatment, it is furnished without charge, the vaccine being ordered from the United States Public Health Service Laboratory, Washington, D. C. by the State District Health Officer and administered under his supervision.

CONT	AGI	OUS	S H	IOSP	ITA	L R	EP	ORT	FC	OR S	SEP7	CEM	BEI	R, 19	19		
	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	Septic Sore Throat	Suppurative Conjunctivitis	Typhoid Fever	Whooping Cough	Tetanus		Total
Patients admitted	1	1	****	1	****	1		****	*****	*****	91200	010.00	****	1	00000	04074 5-9-5 0	5
Termination Recovery	*****	*****	****	1		. 1	60101		*****	1	948-07	400 00	****	2	****	***** **** ****	5
1 ermination \ Death		1	*****	1	*	****		****	****	*****	90000	*****	*****	*****	****	***** **** ****	2
TOTAL CASE	S OF	, CO	NT	AGIO	US I	DISEA	SES	IN 7	ГНЕ	CIT	Y FO	R SE	PTE	MBE	R, 19	19.	
Cases reported	1	1	6	11	*****	24	40.000	15	*****	*****	\$000a	2	11	16	-	60.00	87
Deaths	especies.	2	umb (in	1	*****	2	vitage	-	*****	****		****	*****	2	****	alviants	7

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Fall River, Mass.

# MONTHLY BULLETIN

-OF THE-

# BOARD OF HEALTH

-OF THE-

# CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

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VOL. III.

NOV., 1919

# Mortality for the Month of October, 1919.

After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.

	After the Bertillon Classifica	ition of	Causes of Deaths, Second International Dec	ennial	Revision, Paris, 1909.
	I-GENERAL DISEASES.	72	Chorea		VII—THE PUERPERAL STATE
4		73	Neuralgia and Neuritis	134	Accidents of Pregnancy
1	Typhoid Fever	74	Other Diseases of Nervous System	135	Puerperal Haemorrhage
2 3	Typhus Fever	75	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor
4	Relapsing Fever	76	Diseases of the Ears 1	137	Puerperal Septicæmia
5	Malaria	TTT		138	Puerperal Albuminuria and Convulsions
6	Smallpox	111-	-DISEASES OF THE CIRCULATORY	139	Puerperal Phlegmasia Alba Dolens, em-
7	Measles 4		SYSTEM.	1	bolus, Sudden Death
8	Scarlet Fever	77	Pericarditis	140	Following Childbirth (not otherwise de-
9	Whoeping Cough	78	Acute Endocarditis		fined)
10	Diphtheria and Croup	79	Organic Diseases of Heart 9	141	Puerperal Diseases of the Breast
11	Influenza	80	Angina Pectoris	1	
12	Asiatic Cholera	81	Diseases of the Arteries, Atheroma,	VIII	-DISEASES OF THE SKIN AND OF
13	Cholera Nostras 1		Aneurysm, etc 8		THE CELLULAR TISSUE.
14	Dysentery	82	Embolism and Thrombosis	142	Gangrene
15	Plague	83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle
16	Yellow Fever		phlebitis, etc)	144	Acute Abscess
17	Leprosy	84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa
18	Erysipelas	0.5	gitis, etc.	IX-	DISEASES OF THE BONES AND OF
19	Other Epidemic Diseases	85	Haemorrhage; Other Diseases of the		
a	Mumps		Circulatory System		THE ORGANS OF LOCOMOTION.
20	Purulent Infection and Septicæmia	IV-	DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis
21	Glanders		SYSTEM.		Excepted) 1
22	Anthrax	9.0	Diseases of Nasal Fossae	147	Diseases of the Joints (Tuberculosis and
23	Rabies	86 87	Diseases of Larynx		Rheumatism Excepted)
24	Tetanus	88	Diseases of Thyreoid Body	148	Amputations
25	Mycoses	89	Acute Bronchitis 2	149	Other Diseases of the Organs of Loco-
26	Pellagra	90	Chronic Bronchitis		motion
27	Beriberi	91	Bronchopneumonia9		X-MALFORMATIONS.
28	Tuberculosis of the Lungs12	92	Pneumonia	150	Congenital Malformation (Still births
29	Acute Miliary Tuberculosis	93	Pleurisy 1	100	not Included) 1
30	Tuberculous Meningitis	94	Pulmonary Congestion, Pulmonary		not included)
31	Abdominal Tuberculosis		Apoplexy	XI	-DISEASES OF EARLY INFANCY.
32	Pott's Disease	95	Gangrene of the Lung	151	Concepted Dability Istama and Calarana
33	White Swellings	96	Asthma	151	Congenital Debility Icterus and Sclerema
34	Tuberculosis of other Organs	97	Pulmonary Emphysema	a b	Premature Birth 4
35	Disseminated Tuberculosis	98	Other Diseases of Respiratory System	152	Congenital Debility
36	Rickets		(Tuberculosis Excepted)	153	Lack of Care
37	Gonococcus Infection	37_	DISEASES OF THE DIGESTIVE SYS-		
38 39	Cancer and other Malignant Tumors of	v —			XII-OLD AGE.
00	the Buccal Cavity		TEM.	154	Senility 1
40	Cancer and other Malignant Tumors of	99	Diseases of the Mouth and Annexa 1		
10	the Stomach, Liver 4		Diseases of the Pharynx		XIII—EXTERNAL CAUSES.
41	Cancer and other Malignant Tumors of		Septic Sore Throat	155	Suicide by Poison
**	the Peritoneum, Intestines, Rectum	101	Diseases of the Oesophagus	156	Suicide by Asphyxia
42	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	157	Suicide by Hanging or Strangulation
	the Female Genital Organs 2	103	Other Diseases of the Stomach (Cancer	158	Suicide by Drowning
43	Cancer and other Malignant Tumors of	104	Excepted) 2	159	Suicide by Firearms
	the breast 1	104 105	Diarrhoea and Enteritis (under 2 years)17 Diarrhoea and Enteritis (2 years and over) 1	160	Suicide by Cutting or Piercing Instru-
44	Cancer and other Malignant Tumors of	106	Ankylostomiasis		ments.
	the skin	107	Intestinal Parasites.	161	Sucide by Jumping from a High Place
45	Cancer and other Malignant Tumors of	108	Appendicitis and Typhlitis	162	Suicide by Crushing.
	other organs and of organs not	109	Hernia, Intestinal Obstructions 2	163	Other Suicides
4.0	specified	110	Other Diseases of the Intestines	164 165	Poisoning by Food
46	Other Tumors (Tumors of the female	111	Acute Vellow Atrophy of the Liver	166	Other Acute Poisonings
47	genital organs excepted)	112	Hydatid Tumor of the Liver	167	Burns (Conflagration Excepted) 3
48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	168	Absorption of Deleterious Gases (Con-
49	Scurvy	114	Biliary Calculi 2	100	flagration Excepted)
50	Diabetes 4	115	Other Diseases of the Liver	169	Accidental Drowning
51	Exophthalmic Goitre	116	Diseases of the Spleen	170	Traunatism by Firearms
52	Addison's Disease	117	Simple Peritonitis (nonpuerperal)	171	Traumatism by Cutting or Piercing In-
53	Leuchæmia	118	Other Diseases of the Digestive System		struments
54	Anæmia, Chlorosis		Cancer and Tuberculosis Excepted	172	Traumatism by Fall
55	Other General Diseases	VI—	NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
56	Alcoholism' (Acute or Chronic) 1		GENITO-URINARY SYSTEM AND	174	Traumatism by Machines
57	Chronic Lead Poisoning		ANNEXA.	175	Traumatism by other Crushing (Vehi-
58	Other Chronic Occupation Poisonings	110		4 22 2	cles, Railroad, Landşlides, etc.)
<b>5</b> 9	Other Chronic Poisonings	119 120	Acute Nephritis 1 Bright's Disease 6	176	Injuries by Animals
		121	Chyluria.	177	Starvation
I-T	ISEASES OF THE NERVOUS SYSTEM	122	Other Diseases of the Kidneys and	178 179	Excessive Cold Effects of Heat
Al	ID OF THE ORGANS OF SPECIAL		Annexa	180	Lightning
	SENSE.	123	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis	124	Diseases of the Bladder.	182	Homicide by Firearms
61	Simple Meningitis	125	Diseases of the Urethra, Urinary	183	Homicide by Cutting or Piercing In-
61a	Cerebrospinal Fever 1		Abscess, etc.		struments
62	Locomotor Ataxia	126	Diseases of the Prostate	184	Homicide by other Means
63a	Anterior Poliomyelitis	127	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)
b	Other Diseases of the Spinal Cord		tal Organs	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy	128	Uterine Haemorrhage (nonpuerperal)		WIN III DEEINED DIGDAGG
65	Softening of Brain	129	Uterine Tumor (noncancerous)		XIV—ILL DEFINED DISEASES.
66	Paralysis Without Specified Cause	130	Other Diseases of the Uterus	187	III Defined Organic Disease
67	General Paralysis of the Insane	131	Cysts and other Tumors of the Ovary	188	Sudden Death
63	Other Forms of Mental Alienation	132	Salpingitis and other Diseases of the Female Gental Organs	189	Cause of Death not Specified or Ill-defined
69 70	Epilepsy	133	Nonpuerperal Diseases of the Breast		
71	Convulsions of Infants		(Cancer Excepted)	1	COTAL DEATHS 117
**	\				

#### HOSPITALS DEATHS BY AGES City Hospital..... Union Hospital..... St. Anne's Hospital 2 Bay View Hospital..... 4 Under 1 day ...... 1 1-2 days ...... 1 Highland Rd. Hospital..... 0 2-3 days ..... 0 Truesdale Hospital ..... 1 Contagious Hospital..... 2 3 days-1week..... 2 1-2 weeks ..... 2 City Home ...... 7 2-3 weeks ...... 1 STILL BIRTHS 3 wks-1 month...... 0 1-2 months 9 Males\_\_\_\_\_5 2-3 months ...... 3 Females ...... 10 3-6 months...... 6 Unknown \_\_\_\_\_0 6-9 months...... 5 Total\_\_\_\_\_15 9-12 months...... 1 NATIVITY 1 year ...... 8 2 years ..... 4 Fall River \_\_\_\_\_61 3 years ..... 1 Massachusetts ...... 2 4 years ...... 2 Other States ...... 6 5-9 years..... 1 Ireland \_\_\_\_\_11 Canada......14 15-19 years..... 1 England \_\_\_\_\_14 20-24 years ...... 2 Scotland \_\_\_\_\_ 1 25-29 years ...... 3 Germany..... 30-34 years..... 2 Azores \_\_\_\_\_2 35-39 years...... 2 Austria \_\_\_\_\_ 1 France ..... Belgium ..... 50-54 years...... 9 55-59 years...... 6 Portugal..... 60-64 years ...... 8 Italy 65-69 years..... 7 Poland ..... Syria ...... 1 70-74 years...... 7 75-79 years...... 5 Roumania ..... 80-84 years ...... 5 Sweden ..... 85-89 years...... 2 Spain ..... 90-94 years..... 0 Greece Nova Scotia 95-99 years...... 1 100+...... Wales..... Unknown ..... 0 Brazil Unknown ..... Total .......117 56 DEATHS BY WARDS 1-15; 2-13; 3-11; 4-17; 5-13; 6-22; 7-8; 8-5; 9-12. 1 16

23

14

4

15

13

2

25

2.....

3

7

9

8

CEMETERIES	
Oak GroveNorth Burial Ground	19
North Burial Ground	10
St. John's	3
St. Mary's	0
St. Patrick's	30
St. Patrick's	45
Notre Dame	40
St. Mary's (Polish)	-
Nwoo Hill	. 3
Our Lady of Light	. 1
Agedas Aham	
Sent away for interment	. 6
Brought here for interment	25
	_
SEX	
Male	56
Female	61
	_
COLOR	
White	15
Colored	. 2
	-
CONDITION	
Married	35
Single	62
Widowed	20
Divorced	
Unknown	
There were 116 cases of contagious dise	ases
reported for Oct., viz:	
Diphtheria	18
Scarlet Fever	
Typhoid Fever	4
Tuberculosis of Lungs	17
Tuberculosis, Other Forms	. 8
Whooping Cough	9
Measles	35
Ophthalmia Neonatorum	.11
Suppurative Conjunctivitis	. 1
Chicken Pox	_ 3
German Measles	_ 1
Cerebro-Spinal Meningitis	
Pneumonia, Lobar	s
Mumps	1
Septic Sore Throat	
Influenza	3
Syphilis	2
Gonorrhea	
Dog Bite	

CEMETERIES

The following is the number of contagious diseases reported in each ward:

Estimating the population at 131,358, 117 deaths would give an annual death rate of 10.69 in 1,000.

This is 16 more than last month and 722 less than the same month in 1918.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

### WAR SHOWS VALUE OF TYPHOID VACCINE

Of 2,000,000 men who were sent to Europe during the war, less than 500 developed typhoid fever. This, it is believed, is due to protective inoculation against the disease. If the same rate of infection had prevailed among the American troops that existed during the Spanish-American War, there would have been 384,113 cases and 29,266 deaths from typhoid fever. During the Spanish-American War, 20,738 cases of typhoid fever developed among 107,973 men, of which 1,580 were fatal. The prevailing rate among the soldiers in the Great War was even less than that which is true for the whole registration area. If the rate for the registration area, which is true for males between 20 and 45 years, be applied to the army, there should have been 3,200 cases and 320 deaths from typhoid fever. The low incidence of typhoid fever among the troops is true in spite of the poor sanitary conditions under which many of the troops had to live. The cases that occurred were due to highly infected water supplies or carriers. Thus it seems that if the typhoid infection is heavy and continuous that a previous vaccination will not prove an effective protection against the disease. Not only is it important, therefore, to vaccinate people against typhoid, but progressive and efficient sanitation must accompany vaccination, in order to get complete protection. In this way it will be possible to make typhoid fever as uncommon as smallpox.

The Massachusetts State Department of Health has found that at least thirty-six per cent of the typhoid fever cases investigated from January to July 30th 1919 have been people infected by a previous case in the same house.

To prevent this, form letters advising that all members of the household be inoculated against typhoid fever have been prepared by the State Department and local Boards of Health have been asked to co-operate in forwarding these letters. In every case reported, letters will be sent to both the head of the family and the attending physician. The Fall River Board of Health heartily approves this plan and will cheerfully do its share of the work,

### IS IT SURPRISING?

The following observations were made by a contributor to the Health Journal of the Massachusetts Tuberculosis League within a space of two weeks:

Scene I. Cafeteria lunch-room in one of our large New England cities.

> The attendant takes glasses which have been soiled, wipes them off a bit and puts them back for use without washing. When remonstrated with, expresses great surprise that any, one should criticize that procedure.

Scene II. Railway coach. Seated directly in front, a father and mother with a pair of 16-months-old twins. Seated opposite, mother with a very attractive little girl about 18 months old.

The mother of the twins holds first one and then the other baby and repeatedly kisses them on the mouth. The conductor comes down the aisle taking tickets, chucks the little girl under the chin and pinches her mouth several times. His hands plainly show that they have not been in a wash basin during the previous six or eight hours.

Scene III.—"Automat" lunch-room, supposed to be one of the best in a large New England city.

Man comes along wiping up the counters, finds a large spoon on the floor, picks it up and puts it back into the spoon tray. When remonstrated with, says it is "merely a little mistake." When the writer tells him he has a notion to report him to the manager the man replies, "I, myself, am the manager," and upon being asked his name, gives it. The cashier confirms the name as that of the manager of the restaurant.

REFLECTION: Thirty-three and one-third per cent of all children under seven years of age in Framingham were found to be infected with tuberculosis. Seventy to ninety per cent of all autopsies where careful observations can be taken show tuberculous infection.

Is it any wonder?

CONT	$\Gamma AG$	IOL	IS I	HOS	PIT	AL I	REF	POR	T F	OR	OCI	LOBI	ER,	1919			
	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Por	Diphtheria	Malaria	Measles	Mump.	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	Septic Sore Throat	Suppurative Conjunctivitie	Typhoid Fever	Whooping Cough	Fetanus		
Patients admitted		1	1	6	P0000	2	10093			3							J
Termination Recovery		*****	****	3	****	1		*****	*****			020.00	98103	1	-nah-		
Death	*****	1	94400	*****		1	n)-10	4000	*****	onder	4000	00000	60000	*****	40000		
TOTAL CAS	ES C	OF C	CNC	ragi	OUS	DISE	ASE	SIN	THE	CI	ГҮ Б	OR C	CTC	OBER,	191	9.	
Cases reported	*****	1.	3	18		35	1	11	2	4	*****	1	4.	9	-	97499	8
Deaths	needen.	1				4								1			



Fall River, Mass.

44.4-30

# MONTHLY BULLETIN

-OF THE-

# BOARD OF HEALTH

-OF THE-

# CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

VOL. III.

DEC., 1919

# Mortality for the Month of November, 1919.

After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.											
	I-GENERAL DISEASES.	72	Chorea		VII—THE PUERPERAL STATE						
1		73		1	34 Accidents of Pregnancy						
2	Typhus Fever	74	Other Diseases of Nervous System		35 Puerperal Haemorrhage						
3	Relapsing Fever	75			36 Other Accidents of Labor						
4	Malaria	76	Diseases of the Ears		77 Puerperal Septicæmia 1						
5	Şmallpox	III	-DISEASES OF THE CIRCULATORY		Puerperal Albuminuria and Convulsions.						
6	Measles 3		SYSTEM.	1	Puerperal Phlegmasia Alba Dolens, em- bolus, Sudden Death						
8	Scarlet Fever	77	Pericarditis	1	40 Following Childbirth (not otherwise de-						
9	Whooping Cough	78	Acute Endocarditis		fined)						
10	Influenza	79	Organic Diseases of Heart	1	Puerperal Diseases of the Breast						
11	Miliary Fever	80	Angina Pectoris	V	III-DISEASES OF THE SKIN AND OF						
12	Asiatic Cholera	01	Aneurysm, etc 9	- 1	THE CELLULAR TISSUE.						
13	Cholera Nostras	82	Embolism and Thrombosis 2		12 Gangrene 1						
14 15	Plague	83	Diseases of Veins (varices, haemorrhoids,	1 -	Furuncle						
16	Yellow Fever		phlebitis, etc)		4 Acute Abscess						
17	Leprosy	84	Diseases of Lymphatic System (Lymphangitis, etc 1	14	Other Diseases of the Skin and Annexa						
18	Erysipelas	85	Haemorrhage; Other Diseases of the	12	K-DISEASES OF THE BONES AND OF						
19	Other Epidemic Diseases		Circulatory System		THE ORGANS OF LOCOMOTION.						
20	Mumps Purulent Infection and Septicæmia	137	-DISEASES OF THE RESPIRATORY	14	6 Diseases of the Bones (Tuberculosis						
21	Glanders	1	SYSTEM.	1	Excepted)						
22	Anthrax	00		14	7 Diseases of the Joints (Tuberculosis and						
23	Rabies	86 87	Diseases of Nasal Fossae		Rheumatism Excepted) 1						
24	Tetanus	88	Diseases of Thyreoid Body	14							
25 26	Pellagra	89	Acute Bronchitis 2	14	9 Other Diseases of the Organs of Loco-						
26	Beriberi	90	Chronic Bronchitis	-							
28	Tuberculosis of the Lungs	91	Bronchopneumonia 6		X-MALFORMATIONS.						
29	Acute Miliary Tuberculosis	92 93	Pneumonia 6 Pleurisy 6	15	0						
30	Tuberculous Meningitis	94	Pulmonary Congestion, Pulmonary		not Included)						
31	Abdominal Tuberculosis		Apoplexy 2		XI-DISEASES OF EARLY INFANCY.						
32 33	White Swellings	95	Gangrene of the Lung	15	1 Congenital Debility Icterus and Sclerema						
34	Tuberculosis of other Organs 1	96	Asthma		a Premature Birth						
35	Disseminated Tuberculosis	97 98	Pulmonary Emphysema		b Congenital Debility 1						
36	Rickets	90	(Tuberculosis Excepted)	15							
37	Syphilis	37		15	3 Lack of Care						
38 39	Cancer and other Malignant Tumors of	V	-DISEASES OF THE DIGESTIVE SYS-		XII-OLD AGE.						
9.9	the Buccal Cavity 1	00	TEM.	15	4 Senility 1						
40	Cancer and other Malignant Tumors of	99 100a	Diseases of the Mouth and Annexa  Diseases of the Pharynx		XIII-EXTERNAL CAUSES.						
	the Stomach, Liver		Septic Sore Throat								
41	Cancer and other Malignant Tumors of	101	Diseases of the Oesophagus	15							
42	the Peritoneum, Intestines, Rectum Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	15							
74	the Female Genital Organs	103	Other Diseases of the Stomach (Cancer	15							
43	Cancer and other Malignant Tumors of	104	Diarrhage and Enteritie (under the years) 5	15	9 Suicide by Firearms						
	the breast 2	104	Diarrhoea and Enteritis (under 2 years) 5 Diarrhoea and Enteritis (2 years and over)	16	9 Suicide by Cutting or Piercing Instru-						
44	Cancer and other Malignant Tumors of	106	Ankylostomiasis	16	ments.						
45	the skin	107	Intestinal Parasites	16							
70	other organs and of organs not	108	Appendicitis and Typhlitis 1	16							
	specified 2	109	Hernia, Intestinal Obstructions Other Diseases of the Intestines	16	4 Poisoning by Food						
46	Other Tumors (Tumors of the female	111	Acute Vellow Atrophy of the Liver	16							
4.77	genital organs excepted)	112	Hydatid Tumor of the Liver	16							
47 48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	16							
49	Scurvy	114	Biliary Calculi 1	- 3	flagration Excepted) 1						
50	Diabetes 2	115	Other Diseases of the Liver	16	9 Accidental Drowning						
51	Exophthalmic Goitre	117	Simple Peritonitis (nonpuerperal)	17	Traumatism by Firearms						
52 53	Addison's Disease	118	Other Diseases of the Digestive System	17	Traumatism by Cutting or Piercing In- struments						
54	Anæmia, Chlorosis	,	Cancer and Tuberculosis Excepted	17	2 Traumatism by Fall						
55	Lethargic Encephalitis 1	VI-	NONVENEREAL DISEASES OF THE	17							
56	Alcoholism (Acute or Chronic)		GENITO-URINARY SYSTEM AND	17							
57 58	Other Chronic Occupation Poisonings		ANNEXA.	17	5 Fraumatism by other Crushing (Vehi- cles, Railroad, Landslides, etc.) 1						
<b>5</b> 9	Other Chronic Poisonings	119	Acute Nephritis	17							
•••	one on one rouse	120	Bright's Disease	17							
II	ISEASES OF THE NERVOUS SYSTEM	121	Chyluria.	17	8 Excessive Cold						
AI	ID OF THE ORGANS OF SPECIAL	122	Other Diseases of the Kidneys and Annexa	17							
	SENSE.	123	Calculi of the Urinary Passages	18							
60	Encephalitis 2	124	Diseases of the Bladder 1	18							
61	Simple Meningitis	125	Diseases of the Urethra, Urinary	18							
61a	Cerebrospinal Fever	100	Abscess, etc.		struments						
62	Locomotor Ataxia	126 127	Diseases of the Prostate	18							
<b>63</b> a	Other Diseases of the Spinal Cord	121	tal Organs	18							
64	Cerebral Haemorrhage, Apoplexy	128	Uterine Haemorrhage (nonpuerperal)	10							
65	Softening of Brain	129	Uterine Tumor (noncancerous)		XIV-ILL DEFINED DISEASES.						
66	Paralysis Without Specified Cause	130 131	Other Diseases of the Uterus Cysts and other Tumors of the Ovary	18							
67 68	Other Forms of Mental Alienation	132	Salpingitis and other Diseases of the	18	8 Sudden Death						
69	Epilepsy		Female Genital Organs	18	Cause of Death not Specified or Ill-defined						
70	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast	-	TOTAL DEADLE						
71	Convulsions of Infants		(Cancer Excepted)	3	TOTAL DEATHS 141						

### DEATHS BY AGES Under 1 day ...... 5 1-2 days ...... 3 2-3 days ...... 0 3 days-1week...... 1 1-2 weeks ..... 2 1 2-3 weeks ...... 2 3 wks-1 month...... 1 1 1-2 months...... 2 2 2-3 months ...... 1 3-6 months......11 6-9 months...... 1 9-12 months...... 2 1 year ...... 5 3 2 years..... 3 3 years ..... 2 4 years ...... 3 5-9 years..... 5 10-14 years ..... 0 0 15-19 years..... 5 2 20-24 years ...... 1 25-29 years ...... 2 2 30-34 years 2 35-39 years..... 6 40-44 years...... 4 2

45-49 years..... 1

50-54 years.....10

55-59 years.....11

65-69 years..... 11

70-74 years.....10

75-79 years...... 8

80-84 years ..... 4

85-89 years...... 3

90-94 years..... 0

Unknown ..... 0

3

3

0

0

0

6 7

### Union Hospital 6 St. Anne's Hospital 7 Bay View Hospital 1 Highland Rd. Hospital 0 Truesdale Hospital ...... 1 Contagious Hospital 4 City Home...... 6 STILL BIRTHS Males ...... 5 Females ..... 4 Unknown ..... 0 Total NATIVITY Fall River \_\_\_\_\_59 Massachusetts 8 Other States \_\_\_\_\_12 Ireland 11 Canada \_\_\_\_\_18 England ......21 Scotland ..... Germany..... Azores 8 Austria ..... 1 France ..... Belgium ..... Russia ..... 1 Portugal..... Poland \_\_\_\_\_ 1 Syria ..... Roumania ..... Sweden ..... Spain ..... Greece Nova Scotia Wales New Brunswick Unknown ......

HOSPITALS
City Hospital.....11

CEMETERIES
Oak Grove29
North Burial Ground5
St. John's 2
St. Mary's
St. Patrick's 47
Notre Dame
St. Mary's (Polish) 1 Nwoo Hill 1
Nwoo Hill1 Our Lady of Light1
Agedas Aham
Sent away for interment
Brought here for interment 16
SEX
Male 73
Female 68
COLOR White141
Colored 141
Colored
CONDITION
Married
Single65
Widowed 32
Divorced1
Unknown
There were 160 cases of contagious diseases
reported for Nov., viz:
Diphtheria29
Scarlet Fever
Typhoid Fever 18
Tuberculosis of Lungs 15
Tuberculosis, Other Forms 4
Whooping Cough13
Measles 39
Ophthalmia Neonatorum13
Suppurative Conjunctivitis
Chicken Pox 7
German Measles
Cerebro-Spinal Meningitis.
Pneumonia, Lobar 9
Mumps Septic Sore Throat
Influenza
Syphilis 2
Gonorrhea 1
Dog Bite

### DEATHS BY WARDS

Total......141 73

2	14
3	
4	6
5	10
6	
7	5
8	
0	19

The following is	the num	ber of co	ontagious	diseases	reported	in each	ward:
1-33; 2-14;	3-11;	4-24;	5-13;	6-28;	7-8;	8-15;	9 1

Estimating the population at 131,358, 141 deaths would give an annual death rate of 12.89 in 1,000.

This is 24 more than last month and 35 less than the same month in 1918.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

# **SMALLPOX**

Monday, December 22, 1919.

The first appearance of Smallpox in the city since 1910 occurred last week.

On Saturday, December 20th at 4.30 p m., Jose Pires D. Silvia seventeen years of age, residing at 239 Flint Street, was so ill with a high temperature and some eruptions a physician was called who, without waiting to make a diagnosis, sent the man to the Contagious Hospital where he died at 10.15 p. m. Although seen by a physician at the hospital who diagnosed the case as purpura hemorrhagica, the patient having died within twelve hours of admission, the Medical Examiner was summoned Sunday morning. From the history of the case, as obtained from other immigrants who were passengers on the S. S. Brittania, the boy having arrived in this country upon this steamship which brought several other immigrants arriving at the port of Providence twelve days ago but, because it was ascertained there had been Smallpox on board, the Steamer was refused to land the passengers and, therefore, returned to New York where they were held a week in quarantine. The pas sengers then came to this city on the Steamer Commonwealth from New York and arrived here December 17th. There were five men of the party for Fall River, but there was also a number who continued on to other New England towns. Upon the strength of this information, the Medical Examiner became suspicious of Smallpox. A second case of a similar nature having just come to the attention of the Health authorities, this man, Abilio Dias Correa, thirty years old, who was very ill Saturday evening at his residence, 94 Alden Street which is quite close to 239 Flint Street, and for whom it was reported impossible to get a physician, died between five and six o'clock at his home Sunday morning. Early Sunday morning the Medical Examiner and the Agent of the Board of Health had a conference, and both recognizing the wisdom of taking all proper precautions, the Health Board's diagnostician on Smallpox was sent to investigate both cases. This physician learned that both patients had developed all the characteristics of Smallpox viz; headache, vomiting, high temperature, etc., and, although the eruption was not conclusive evidence of Smallpox, he decided that everything considered the safest and only thing to do was make the diagnosis "Smallpox". Dr. Blanchette, accordingly, signed both certificates "most probably purpura variolosa", which is a form of Smallpox very hard to diagnose.

It was also learned that Smallpox with a high death rate had been prevalent at Lisbon, the port of embarcation of the Brittania, for the past six months. The Agent then got in touch with the undertaker and ordered both bodies prepared for burial immediately and wrapped in a sheet saturated with a solution of bichloride of mercury and the caskets removed to the tomb in the cemetery, direct from where the bodies died. This was accomplished by noon Sunday. Both houses and the hospital occupied by the Silvia boy and all the immigrants' belongings were then thoroughly disinfected and the City Physician sent to vaccinate all the inmates of both houses, which were also placarded for Smallpox. It was also directed to have all persons exposed at the hospital vaccinated. The Agent then got into communication with Dr. Milliken the State Inspector

of Health for this district, at his home in Barnstable and he promised to arrive at the Health office at 12.00 noon Monday.

Dr. Milliken arrived on time and was met by Dr. Blanchette, the Medical Examiner, the Agent and the local diagnosticians and, after learning all that had been done, fully concurred with the action taken by the local authorities in preventive measures. He then decided to view the bodies and arrangements to go to the cemetery with the Agent, undertaker, the diagnostician and the secretary at two o'clock were made. After viewing the bodies, the State Officer expressed his approval of the course pursued by the local authorities and the bodies were ordered buried.

All the residents of the Flint Street and Alden Street houses readily consented to be vaccinated and, up to the present writing, no new case has been found and no sickness, except a case of hysteria in a young man in one of the houses, due to the excitement

Up to the present no guards have been placed on the houses.

Of the five men who came to Fall River from the Steamer, four including the two who died went to work in the Lincoln Mill last Friday, being employed about the yard, and the two survivors have been ordered to stay away from the mill until after the period of incubation, January 5th, and the police, through the Chief, has been requested to keep them and the placarded houses under surveillance in the meantime. The diagnostician will also visit the premises daily and keep the inmates under observation. The fifth man went to Milford and is reported to be working in the Mason Machine Works in that town. The State Inspector has been so notified.

The Lincoln Mill management has engaged a physician to vaccinate the help and this doctor was supplied with virus, alcohol, cotton and scarafiers this morning.

In consequence of a possible spread of the disease and because sporadic cases of Typhoid have occurred during the past three months the following advertisement has been published in all the daily newspapers of the city.

### **Board of Health Notice--Physicians**

Owing to the recent arrival of immigrants from European ports where Smallpox is prevalent physicians are requested to be extra careful in their diagnosis of any cases where the symptoms cause them to be suspicious. If such cases are promptly reported, the Board of Health diagnostician will be sent to investigate.

Every person not successfully vaccinated recently is advised to be vaccinated without delay. The Board is prepared to vaccinate free of charge all who desire it and apply at the Health office. Fresh made virus furnished by the State Department of Health, only is used.

Arrangements are also made to protect everyone against Typhoid who apply. This prophylactic can be administered without inconvenience and the success which has resulted from its use in the army of the United States and the armies of Europe during the world war, during which Typhoid was practically an unknown disease, should be sufficient incentive to every one to be protected.

SAMUEL B. MORRISS, Agent.

#### CONTAGIOUS HOSPITAL REPORT FOR NOVEMBER, 1919 Cerebro-Spina Suppurative Conjunctivitis Anterior Poliomyelitis Ophthalmia Neonatorum Scarlet Fever Pneumonia (Lobar) Meningitis Diphtheria Malaria Septic S Patients admitted Recovery Termination Death TOTAL CASES OF CONTAGIOUS DISEASES IN THE CITY FOR NOVEMBER, 1919. Cases reported 2939 13 9 5 3 131 13 Deaths 3 6 18



Fall River, Mass.

## MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

VOL. IV.

JAN, 1920.

NO. 1

## Mortality for the Month of December, 1919.

		,		1	
	I-GENERAL DISEASES.	72	Chorea		VII—THE PUERPERAL STATE
		73		134	
1	Typhoid Fever	74	Other Diseases of Nervous System	135	Accidents of PregnancyPuerperal Haemorrhage
2	Typhus Fever	75	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor.
3	Relapsing Fever	76	Diseases of the Ears 1		
4	Malaria			137	Puerperal Septicæmia
5	Smallpox 2	III-	-DISEASES OF THE CIRCULATORY	138	Puerperal Albuminuria and Convulsions
6	Measles		SYSTEM.	139	Puerperal Phlegmasia Alba Dolens, em-
7	Scarlet Fever	77	Pericarditis	140	bolus, Sudden Death
8	Whooping Cough 1	77	Acute Endocarditis	140	Following Childbirth (not otherwise de-
9	Diphtheria and Croup 4	79	Organic Diseases of Heart	144	fined)
10	Influenza 1			141	Puerperal Diseases of the Breast
11	Miliary Fever	80	Angina Pectoris	VIII	-DISEASES OF THE SKIN AND O
12	Asiatic Cholera	81	Diseases of the Arteries, Atheroma,		
13	Cholera Nostras	00	Aneurysm, etc		THE CELLULAR TISSUE.
14	Dysentery	82	Embolism and Thrombosis 1	142	Gangrene
15	Plague	83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle.
16	Yellow Fever	1	phlebitis, etc)	144	Acute Abscess
17	Leprosy	84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa.
18	Erysipelas		gitis, etc.	TV 1	DISEASES OF THE BONES AND O
19	Other Epidemic Diseases	85	Haemorrhage; Other Diseases of the		DISEASES OF THE BONES AND O
a	Mumps		Circulatory System	7	THE ORGANS OF LOCOMOTION.
20	Purulent Infection and Septicæmia 2	177		146	Diseases of the Bones (Tuberculosis
		10-	-DISEASES OF THE RESPIRATORY	140	
21	Glanders		SYSTEM.	147	Excepted)
22	Anthrax	86	Diseases of Nasal Fossae	17/	Diseases of the Joints (Tuberculosis and
23	Rabies	87	Diseases of Larynx 1	1/10	Rheumatism Excepted)
24	Tetanus	88	Diseases of Thyreoid Body	148	Amputations
25	Mycoses	89	Acute Bronchitis	149	Other Diseases of the Organs of Loco-
26	Pellagra	90	Chronic Bronchitis		motion
27	Beriberi	91	Bronchopneumonia10		X-MALFORMATIONS.
28	Tuberculosis of the Lungs11	92	Pneumonia	150	
29	Acute Miliary Tuberculosis	93	Pleurisy	190	Congenital Malformation (Still births
30	Tuberculous Meningitis		Pulmonary Congestion, Pulmonary		not Included)
31	Abdominal Tuberculosis	94		VI.	DISEASES OF FADI V INFANCY
32	Pott's Disease	0.5	Apoplexy	254	-DISEASES OF EARLY INFANCY.
33	White Swellings	95	Gangrene of the Lung	151	Congenital Debility Icterus and Sclerema
34	Tuberculosis of other Organs	96	Asthma	a	Premature Birth
35	Disseminated Tuberculosis	97	Pulmonary Emphysema	b	Congenital Debility
36	Rickets	98	Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy
37	Syphilis		(Tuberculosis Excepted)	153	Lack of Care
38	Gonococcus Infection	V-	-DISEASES OF THE DIGESTIVE SYS-		
39	Cancer and other Malignant Tumors of	T T	TEM.		XII-OLD AGE.
00	the Buccal Cavity			154	Senility
40	Cancer and other Malignant Tumors of	99	Diseases of the Mouth and Annexa		THE CHECK CALLED
	the Stomach, Liver		Diseases of the Pharynx		XIII—EXTERNAL CAUSES.
41	Cancer and other Malignant Tumors of		Septic Sore Throat	155	Suicide by Poison
**	the Peritoneum, Intestines, Rectum 1	101	Diseases of the Oesophagus	156	Suicide by Asphyxia
42	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach 1	157	Suicide by Hanging or Strangulation
72	the Female Genital Organs 1	103	Other Diseases of the Stomach (Cancer	158	Suicide by Drowning
43	Cancer and other Malignant Tumors of		Excepted) 1	159	Suicide by Firearms
10	the breast	104	Diarrhoea and Enteritis (under 2 years)15	160	Suicide by Cutting or Piercing Instru-
44	Cancer and other Malignant Tumors of	105	Diarrhoea and Enteritis (2 years and over) 1		ments.
7.1	the skin	106	Ankylostomiasis	161	Sucide by Jumping from a High Place
45	Cancer and other Malignant Tumors of	107	Intestinal Parasites	162	Suicide by Crushing.
40	other organs and of organs not	108	Appendicitis and Typhlitis 2	163	Other Suicides
	specified.	109	Hernia, Intestinal Obstructions 2	164	Poisoning by Food
4.0	Other Tumors (Tumors of the female	110	Other Diseases of the Intestines	165	Other Acute Poisonings
46	genital organs excepted)	111	Acute Vellow Atrophy of the Liver	166	Conflagration
A '7		112	Hydatid Tumor of the Liver		Burns (Conflagration Excepted)
47	Acute Articular Rheumatism Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	167 168	Absorption of Deleterious Gases (Con-
48	Scurvy	114	Biliary Calculi	100	
49		115	Other Diseases of the Liver	160	flagration Excepted)
50	Diabetes 1	116	Diseases of the Spleen	169 170	Accidental Drowning
51	Exophthalmic Goitre	117	Simple Peritonitis (nonpuerperal)	171	Traumatism by Firearms  Traumatism by Cutting or Piercing In-
52	Leuchæmia	118	Other Diseases of the Digestive System	171	struments
53			Cancer and Tuberculosis Excepted	179	
54	Anæmia, Chlorosis	777	. 1	172	Traumatism by Fall
55	Lethargic Encephalitis	V1-	NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
56	Alcoholism (Acute or Chronic)		GENITO-URINARY SYSTEM AND	174	Traumatism by Machines
57	Chronic Lead Poisoning		ANNEXA.	175	Traumatism by other Crushing (Vehi-
58	Other Chronic Occupation Poisonings	119	Acute Nephritis	4	cles, Railroad, Landslides, etc.)
59	Other Chronic Poisonings	120	Bright's Disease	176	Injuries by Animals
		121	Chyluria.	177	Starvation
I-D	ISEASES OF THE NERVOUS SYSTEM	122	Other Diseases of the Kidneys and	178	Excessive Cold
AN	ID OF THE ORGANS OF SPECIAL	122	Annexa	179	Effects of Heat
	SENSE.	123	Calculi of the Urinary Passages	180	Lightning.
60		124	Diseases of the Bladder	181	Electricity (Lightning Excepted)
60	Encephalitis	125	Diseases of the Urethra, Urinary	182	Homicide by Firearms
61	Simple Meningitis	123		183	Homicide by Cutting or Piercing In-
6la	Cerebrospinal Fever	126	Abscess, etc.  Diseases of the Prostate	104	struments
62	Locomotor Ataxia			184	Homicide by other Means
<b>63</b> a	Anterior Poliomyelitis	127	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)
ь	Other Diseases of the Spinal Cord 2	100	tal Organs	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy	128	Uterine Haemorrhage (nonpuerperal)		VIU III DEFINED DICEACE
65	Softening of Brain	129	Uterine Tumor (noncancerous)		XIV-ILL DEFINED DISEASES.
66	Paralysis Without Specified Cause	130	Other Diseases of the Uterus	187	III Defined Organic Disease
67	General Paralysis of the Insane	131	Cysts and other Tumors of the Ovary	188	Sudden Death
68	Other Forms of Mental Alignation	132	Salpingitis and other Diseases of the	189	Cause of Death not Specified or Ill-defined
69	Epilepsy	177	Female Genital Organs		*
78	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast	71	CATAL DEATHS
71	Convulsions of Infants	1	(Cancer Excepted)	1	OTAL DEATHS 12

#### DEATHS BY AGES Females Under 1 day ..... 5 2 1-2 days ...... 2 2 2-3 days ..... 0 0 3 days-1 week ...... 2 0 1-2 weeks ...... 1 1 2-3 weeks ...... 3 2 3 wks-1 month...... 1 1-2 months...... 5 2 3 2-3 months ...... 7 3 3-6 months...... 7 3 6.9 months...... 3 2 9-12 months...... 1 0 1 year ...... 8 2 years ...... 1 1 3 years ..... 0 0 4 years ...... 2 1 10-14 years ...... 1 0 1 15-19 years...... 3 1 20-24 years ...... 4 1 3 25-29 years ...... 5 2 30-34 years 2 0 35-39 years ...... 5 4 40-44 years...... 2 0 2 45-49 years..... 5 3 50-54 years..... 4 1 55-59 years...... 7 3 60-64 years.....11 6 65-69 years..... 10 4 70-74 years..... 4 1 4 80-84 years ..... 4 85-89 years..... 2 90-94 years..... 1 0 95-99 years..... 0 0 100+ ..... 0 , 0 Unknown ...... 0 0 Ω Total......128 60

### DEATHS BY WARDS

1		21
2		15
3		17
4	***************************************	7
5		(
6	**************************************	18
7		4
8		$2\cdot$
9		18

#### HOSPITALS

City Hospital	6
Union Hospital	
St. Anne's Hospital	619
Bay View Hospital	
Highland Rd. Hospital	
Truesdale Hospital	6/2
Contagious Hospital	6
City Home	
CTILI DIDTUC	

### STILL BIRTHS

Males	4
Females	7
Unknown	0
Total	1

#### NATIVITY

MATIATI	
Fall River6	1
Massachusetts1	1
Other States	9
Ireland	7
Canada1	0
England1	1
Seotland	2
Germany	
Azores	8
Austria	1
France	
Belgium	
Russia	1
Portugal	2
Italy	1
Poland	
Syria	1
Australia	1
Sweden	
Spain	
Greece	
Nova Seotia	2
Wales	
New Brunswick	
riew Diduswick	

Unknown .....

### CEMETERIES

Oak Grove	21
North Burial Ground	- 8
St. John's	
St. Mary's	. 3
	41
Notre Dame	48
St. Mary's (Polish)	
Nwoo Hill	-1
Our Lady of Light	1
Agedas Aham	
Sent away for interment	. 5
Brought here for interment	
SEX	
Mala	60

#### COLOD

Female.

COLOR		
White	12	4
Colored		1

#### CONDITION

Married	42
Single	66
Widowed	20
Divorced	
Unknown	

### There were 183 cases of contagious diseases reported for Dec., viz: Diphtheria ......48

Scarlet Fever

Typhoid Fever	1	5
Tuberculosis of Lungs1	Ľ	í
Tuberculosis, Other Forms.	4	į
Whooping Cough1	L	2
Measles		
Ophthalmia Neonatorum	(	,)
Suppurative Conjunctivitis		5
Chicken Pox1		
German Measles		l
Cerebro-Spinal Meningitis		
Drammonio Lohon		

Cerebro-Spinal Meningitis	
Pneumonia, Lobar	15
Mumps	. 2
Septic Sore Throat	
Influenza	-4
Syphilis	. 1
Gonorrhea	2
Dog Bite	1

Smallpox 2

The following is the number of contagious diseases reported in each ward: 1-35; 2-18; 3-15; 4-24; 5-25; 6-19; 7-10; 8-27; 9-10

Estimating the population at 131,358, 128 deaths would give an annual death rate of 11.69 in 1,000.

This is 13 less than last month and 67 less than the same month in 1918.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

### DIPHTHERIA

Early in December, Dr. Eugene R. Kelley, Commissioner of Public Health, sent a circular letter to Boards of Health calling attention to the unusual incidence in all sections of the state of

Scarlet Fever and Diphtheria.

During the past year we have had less Scarlet Fever than any year since 1891, sixty-one cases being reported with two deaths. Our experience with Diphtheria, however, has been similar to that of other cities in Massachusetts in that the disease was unusually prevalent. For the year there were 218 cases reported. This, with the exception of 1917, was the largest number of cases recorded in any year since 1885. The deaths for the year numbered twenty-six which is about equal to the average number of deaths for the past ten years.

The gradual increase in cases reported during December caused concern to the Board, especially as there seemed to be no foci of infection, the cases being fairly well distributed throughout the city. In the belief that there might be many "missed" or undiagnosed cases, the eight Medical Inspectors of Schools were notified to be especially cautious in their inspections and in addition, before the closing of schools for the Christmas vacation, special inspections were put in force. The cases reported were grouped according to the schools attended and the eight schools which had the largest number of pupils absent on account of Diphtheria were visited daily and examinations made of all children who showed the least sign of throat trouble. No new cases were discovered by the Inspectors, but cases still were being reported and a gradual increase was maintained until about the middle of the present month.

Parents are not as careful of sore throats as they should be. The croupy child of today may die of Diphtheria tomorrow if the parent does not call in a physician who will administer anti-toxin promptly. A case was recently reported to the office as Diphtheria, the third child in the family who had been ill. The first had suffered from a sore throat, but no notice was taken of it and the child fortunately recovered. Shortly after the first was taken ill, a second child died suddenly. Evidently the first two were also Diphtheria, and if medical attention had been given the first case, the second case and death and the

third case would not have occurred.

### **MEASLES**

Quite often when a doctor informs parents that their child has Measles they thank God that it is "only Measles" and instead of taking the best care of the patient they think that it is unnecessary, and thoughtlessly allow the child to run around and catch cold which leads to complications, and many times and in many cases this leads to work for the undertaker. During the year nineteen nineteen, there were more deaths in Fall River caused by Measles than by any other communicable disease, except Tuberculosis. "Only Measles" caused fifty-six deaths for the year, December being the only month in which no death from Measles appears in our record.

### A Famous Surgeon Discusses Cancer

In a recent address Dr. William T. Mayo said:

"The arch enemy of middle life and beyond is cancer, and our measures both for prevention and cure have not advanced in proportion to the increasing need.

"One woman in nine and one man in thirteen dies with cancer, and this proportion of cancer deaths will be maintained in the enormously greater number of persons who reach the cancer age.

"We must spread more widely the knowledge that chronic irritation is the great underlying cause of the disease. Whenever a certain type of cancer exists in a race of men or in a country with great frequency as compared to other races or countries, it is due to a single cause, usually a social condition.

"Good dentistry has eliminated a percentage of cancers of the jaw due to the irritation of defective teeth. Cancer of the lip and tongue is on the increase as the habit of smoking is on the increase in both sexes. It seems to be a well established fact that in the countries in which the breasts are allowed to remain exposed to the air without covering, cancer of the breast is extremely rare and the incidence is in direct ratio to the amount of covering of the breast and the pressure exerted on it.

"Thirty per cent of all cancers in men and twenty-one per cent in women are in the stomach. The influence of drinks too hot to be held comfortably in the mouth in the production of the chronic irritation which precedes the development of gastric cancer seems probable.

"The majority of cancer patients come to operation too late to be cured. We cannot always demonstrate inoperability in a given case and therefore operation must be done in many questionable cases."

CONTAGIOUS HOSPITAL REPORT FOR DECEMBER, 1919																	
	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Diphtheria '	Dog Bite	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measle	Suppurative Conjunctivitis	Typhoid Fever	Whooping Cough	Small Pox		Tetal
Patients admitted	****	****	*****	18		****	*****	*****	*****	6	*****	201102	*****		1	******	 25
Termination { Recovery Death			1	3			*****	*****	*****	2	10000	****	******		****	***** ****	 6
Death	*****		40000	2			****	****		****				On the desired	1	****** ****	 3
TOTAL CASE	SOF	CO	NT.	AGIOI	JS I	DISEA	ASES 2	IN 9	THE 15	CIT 9	Y FO	OR D	ECEN	MBER	, 191	19.	 155
Deaths	40×4.0××		*****	4	*****	*****	*****	*****	3		*****			1	2	*****	10



Hall River, Mass.

# MONTHLY BULLETIN

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VOL. IV. FEB., 1920. NO. 2

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	After the Bertillon Classifica	tion o	f Causes of Deaths, Second International Dec	ennial	Revision, Paris, 1909.
	I-GENERAL DISEASES.	72	Chorea		VII—THE PUERPERAL STATE
1		73	Neuralgia and Neuritis	134	Accidents of Pregnancy
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19	Other Epidemic Diseases	85	Haemorrhage; Other Diseases of the	1	THE ORGANS OF LOCOMOTION.
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20	Purulent Infection and Septicæmia	IV-	-DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis
21	Glanders		SYSTEM.	147	Diseases of the Leints (Tuberculesis and
22	Polying	86	Diseases of Nasal Fossae	147	Diseases of the Joints (Tuberculosis and Rheumatism Excepted)
23 24	Tetanus	87	Diseases of Larynx	148	Amputations
25	Mycoses	88	Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-
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43	the breast:	104	Diarrhoea and Enteritis (under 2 years) 8	160	Suicide by Cutting or Piercing Instru-
44	Cancer and other Malignant Tumors of	105	Diarrhoea and Enteritis (2 years and over) 2		ments.
• •	the skin	106	Ankylostomiasis	161	Sucide by Jumping from a High Place
45	Cancer and other Malignant Tumors of	107	Intestinal Parasites	162	Suicide by Crushing.
	other organs and of organs not	108	Appendicitis and Typhlitis	163	Other Suicides
	specified 1	110	Other Diseases of the Intestines	164	Poisoning by Food
46	Other Tumors (Tumors of the female	111	Acute Vellow Atrophy of the Liver	165	Other Acute Poisonings
477	genital organs excepted)	112	Hydatid Tumor of the Liver	166	Conflagration Excepted) 1
47	Acute Articular Rheumatism Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	167 168	Burns (Conflagration Excepted)
48 49	Scurvy	114	Biliary Calculi 1	100	flagration Excepted)
50	Diabetes 1	115	Other Diseases of the Liver	169	Accidental Drowning
51	Exophthalmic Goitre	116	Diseases of the Spleen	170	Trau natism by Firearms
52	Addison's Disease	117	Simple Peritonitis (nonpuerperal)	171	Traumatism by Cutting or Piercing In-
53	Leuchæmia	110	Cancer and Tuberculosis Excepted		struments
54	Anæmia, Chlorosis			172	Traumatism by Fall
55	Lethargic Encephalitis	VI-	NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
56	Alcoholism (Acute or Chronic)		GENITO-URINARY SYSTEM AND	174	Traumatism by Machines (Vehi
57 58	Other Chronic Occupation Poisonings		ANNEXA.	175	Fraumatism by other Crushing (Vehicles, Railroad, Landslides, etc.)
59	Other Chronic Poisonings	119	Acute Nephritis 1	176	Injuries by Animals
30	3	120	Bright's Disease 8	177	Starvation
I-D	ISEASES OF THE NERVOUS SYSTEM	121	Chyluria	178	Excessive Cold
	D OF THE ORGANS OF SPECIAL	122	Other Diseases of the Kidneys and	179	Effects of Ileat
Al		107	Annexa	180	Lightning
**	SENSE.	123	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis	124 125	Diseases of the Bladder	182	Homicide by Firearms
61	Simple Meningitis  Cerebrospinal Fever	120	Abscess, etc.	183	Ilomicide by Cutting or Piercing In- struments
61 a	Locomotor Ataxia	126	Diseases of the Prostate	184	Homicide by other Means
63a	Anterior l'oliomyelitis	127	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)
b	Other Diseases of the Spinal Cord		tal Organs	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy 2	128	Uterine Haemorrhage (nonpuerperal)		
65	Softening of Brain	129	Uterine Tumor (noncancerous)		XIV—ILL DEFINED DISEASES.
66	Paralysis Without Specified Cause	130	Other Diseases of the Uterus	187	Ill Defined Organic Disease
67	General Paralysis of the Insane	131	Cysts and other Tumors of the Ovary	188	Sudden Death
68	Other Forms of Mental Alignation	101	Salpingitis and other Diseases of the Female Genital Organs	189	Cause of Death not Specified or Ill-defined
69 70	Epilepsy	133	Nonpuerperal Diseases of the Breast		
71	Convulsions of Infants 1		(Cancer Excepted)	7	TOTAL DEATHS 152

#### Oak Grove City Hospital 9 North Burial Ground ...... 8 Union Hospital 12 Males St. John's ..... St. Anne's Hospital 4 St. Mary's St. Patrick's 48 Notre Dame 45 Under 1 day ..... 2 0 Bay View Hospital..... 2 Highland Rd. Hospital 1-2 days ...... 2 St. Mary's (Polish) ..... 2-3 days ...... 1 Truesdale Hospital ...... 3 1 Nwoo Hill \_\_\_\_\_\_3 3 days-1week...... 0 Contagious Hospital 5 0 Our Lady of Light 1-2 weeks ...... 6 City Home ...... 1 2 Agedas Aham..... 2-3 weeks ...... 2 2 Sent away for interment ...... 5 Brought here for interment ...... 21 3 wks-1 month...... 1 0 STILL BIRTHS 2 Males SEX 2-3 months ...... 3 1 2 Females ..... 3-6 months......10 6 4 Unknown 6-9 months...... 3 1 Total......16 COLOR 9-12 months...... 9 3 6 NATIVITY 1 year ...... 8 3 Ğ Colored 2 years ..... 4 2 Fall River \_\_\_\_\_71 CONDITION 3 years ..... 4 1 3 4 years ..... 0 Married ..... 0 0 Other States .....10 5-9 years..... 2 Ireland 9 Widowed ...... 30 10-14 years...... 1 1 Canada .......16 Divorced ..... 15-19 years...... 2 2 0 Unknown..... England ......19 20-24 years ..... 0 Scotland ..... 1 There were 210 cases of contagious diseases 25-29 years ...... 2 1 Germany..... 1 1 reported for Jan., viz: 30-34 years ..... 5 3 Azores \_\_\_\_\_10 Diphtheria ......43 35-39 years ...... 7 4 Scarlet Fever.....14 Austria ..... 2 40-44 years..... 8 Typhoid Fever...... 3 4 France ..... Tuberculosis of Lungs......18 4 3 Belgium ..... Tuberculosis, Other Forms. ..... 1 50-54 years...... 6 6 Russia Whooping Cough...... 6 55-59 years.....10 4 6 Portugal..... 2 60-64 years...... 8 3 5 Italy ..... Ophthalmia Neonatorum .....19 Suppurative Conjunctivitis...... 3 4 9 Poland ..... Chicken Pox 10 70-74 years..... 7 3 Syria ..... German Measles ..... 1 75-79 years...... 7 4 3 Australia ..... Cerebro-Spinal Meningitis..... 2 80-84 years...... 7 3 4 Sweden..... Pneumonia, Lobar \_\_\_\_\_\_20 85-89 years..... 1 Mumps...: 1 Spain..... Septic Sore Throat \_\_\_\_\_\_2 90-94 years..... 1 1 Greece..... Influenza 54 95-99 years...... 1 1 Nova Scotia Syphilis ...... 1 100+...... 0 Wales. Gonorrhea..... Unknown ..... 0 0 New Brunswick..... Dog Bite..... Smallpox 83 Unknown ..... The following is the number of contagious diseases reported in each ward: DEATHS BY WARDS 1-43; 2-31; 3-17; 4-17; 5-23; 6-34; 7-10; 8-8; 9-2721 2..... . Estimating the population at 131,358, 152 deaths would give an annual 13 death rate of 13.89 in 1,000. 12 10 This is 24 more than last month and 51 less than the same month in 1919. 6 ...... 14 9 FRANK L. LARKIN, Secretary. 8 SAMUEL B. MORRISS, Agent.

HOSPITALS

DEATHS BY AGES

9 .....

CEMETERIES

### **INFLUENZA**

On account of the prevalence of Influenza in epidemic proportions throughout the country and especially in places like New York City, Boston and Providence, the receipt, on January 29th, of reports of nine cases of this disease was considered, by Agent Samuel B. Morriss, of sufficient importance to require the calling of the Board of Health to a special meeting. Agent Morriss believed that if the public knew that the Board of Health was watching the situation carefully and were prepared for any future developments that the people of the City would not be unduly alarmed when they read in the newspapers that there were a number of cases of Influenza being reported.

The Board assembled and were made acquainted with the conditions and informed by Mr. Morriss that investigation showed that practically all the cases were of a mild type. After discussing the situation at some length, it was decided by the Board that there was no necessity of taking any extraordinary action, it being the opinion of the members of the Board that the number of cases reported was not in excess of what was to be expected at this time of the year. The Agent was instructed when giving the report of the number of cases to the representatives of the press to issue a statement which, while advising the people to be careful about exposing themselves to the danger of infection would assure them against undue alarm. That while there might be a number of cases of Influenza reported and that the public should not needlessly expose themselves to this disease, in the judgment of the Board, the City would not experience a visitation similar to that of 1918.

Agent Morriss reported that he had conferred with Dr. David H. Fuller, General Superintendent of Municipal Hospitals and arrangements had been made with the Hospital Department to use the whole of one floor of the Contagious Hospital for the care and treatment of patients suffering from Influenza who required hospita, treatment. Ample equipment, such as beds, blankets, bedding etc. had been acquired during the epidemic of 1918 and was available for use in equipping an emergency hospital, or hospitals, if it was deemed necessary to open any. The capacity of this section of the Contagious Hospital was judged by the Board to be ample, for the time being, at least. The advisability of establishing a list of women who would volunteer to hold themselves in readiness to give their services as nurses, attendants etc., going from house to house caring for persons ill with Influenza, if the need should arise, was discussed and the Agent was given authority to publish advertisements calling for volunteers if in his judgment conditions at any time warranted the establishment of such a list.

There was a more or less gradual increase in the number of cases reported daily until February 5th when fifty-four cases were recorded, the largest number in any twenty-four hours period, the first death was recorded Feb. 12th. From the fifth to the end of the month the daily number of cases fell off, with an occasional rise, however and the end of February saw practically the last of the disease.

At no time was the situation out of hand or considered severe enough to require the taking of any extraordinary action. The capacity of the Influenza ward of the Contagious Hospital was equal at all times to accomodate all patients who required hospitalization and it was not found necessary to open emergency hospitals or establish a registrar of nurses.

From January 28th up to and including February 28th there were 548 cases reported with 21 deaths, the type of the disease throughout this period was mild and in only a few cases resembled the "Spanish Influenza" of the 1918 epidemic.

Never economize on the doctor when your children have sore throats. Besides saving your children, the doctor is cheaper than the undertaker.

### MODERN GANDER

Beware the much advertised "sure cure" for disease. While experimenting, the disease often gets beyond the point where it can be cured by a competent physician.

Poor old Ponce de Leon sailed in the wrong direction hunt-

ing for the "fountain of youth."

Had he rigged his course on a few tips contained on the "ad" page of a Detroit paper he would have passed up the Florida trip and sailed into a local "beauty" parlor. There he would have found a lot of mechanical appliances, known as wrinkle eradicators, peach-blow complexion makers, hair curlers, ear warpers, nose pullers, etc. He would have found, instead of half-baked Indians, a collection of colonial dames trying to look like their grandchildren. Chances are poor old Ponce would have been frightened and perhaps shocked, but that \$10 Purple-Ray bath would have made him forget all about his intended dip in the fountain.

Ponce was a regular human after all. He had the popular

idea-a short cut to health.

Verily, what fools we mortals be.

As a people we have not yet learned how to properly feed ourselves; how to preserve our teeth; how to prevent hair from prematurely graying; how to enjoy complete rest and relaxation; how to prevent our children from having infectious diseases and running noses. We don't know enough to prevent preventable diseases. After a hundred years of bitter experience we still have smallpox epidemics because we do not know enough to vaccinate. We continue to let our children die of diphtheria because we refuse to use well established means for the prevention and cure of the disease. We still have typhoid fever because we don't know enough to be vaccinated against it.

Yet most of us "sensible" people will gulp any kind of a wildcat yarn about the virtues of a new pill or an old herb. We will continue to use drugs as remedies when nature with a little decent treatment would willingly do a better job for us. continue to abuse our bodies until we are compelled to pack off

to a "sanatorium" to rest.

Yea verily, it's a funny old world, Ponce.

CITY HEALTH, DETROIT DEPARTMENT OF HEALTH.

#### CONTAGIOUS HOSPITAL REPORT FOR JANUARY, 1920 Measles Diphtheria and C. Spin. Menin. Ophthalmia Neonatorum Fever Meningitis Pneumonia Diphtheria Bite German Mumps Scarlet Total Patients admitted 5 3 10 Recovery 14 4 18 Termination. Death TOTAL CASES OF CONTAGIOUS DISEASES IN THE CITY FOR JANUARY, 1920. 2 2 10 43 13 19 Cases reported 20 14 1 1 3 137 Deaths 8 20



APR & X 14.

Fall River, Mass.

## MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

VOL. IV. MARCH, 1920. NO. 3

# Mortality for the Month of February, 1920.

	After the Bertillon Classifica	ation o	f Causes of Deaths, Second International Dec	cenni	al Revision, Paris, 1909.
	I-GENERAL DISEASES.	72	Chorea		VII—THE PUERPERAL STATE
		73	Neuralgia and Neuritis	13	
ı	Typhoid Fever	74	Other Diseases of Nervous System	13	
2	Typhus Fever	75	Diseases of the Eyes and their Annexa	13	
9	Relapsing Fever	76	Diseases of the Ears	13	
5	Malaria	111	-DISEASES OF THE CIRCULATORY	4.00	
6	Smallpox 1	111		13	
7	Scarlet Fever		SYSTEM.		bolus, Sudden Death
8	Whooping Cough	77	Pericarditis	14	
9	Diphtheria and Croup	78	Acute Endocarditis 1		fined)
10	Influenza	79	Organic Diseases of Heart 18	14	1 Puerperal Diseases of the Breast
11	Miliary Fever	80	Angina Pectoris	V	III-DISEASES OF THE SKIN AND OF
12	Asiatic Cholera	81	Diseases of the Arteries, Atheroma,		THE CELLULAR TISSUE.
13	Cholera Nostras	82	Aneurysm, etc	1.0	
14	Dysentery	83	Diseases of Veins (varices, haemorrhoids,	14	
15	Plague	00	phlebitis, etc)	14	
16	Yellow Fever	84	Diseases of Lymphatic System (Lymphan-	14	
17	Leprosy		gitis, etc.		
18	Cysipelas Diseases	85	Haemorrhage; Other Diseases of the	1X	-DISEASES OF THE BONES AND OF
19 a	Other Epidemic Diseases		Circulatory System		THE ORGANS OF LOCOMOTION.
20	Purulent Infection and Septicæmia 1	IV-	DISEASES OF THE RESPIRATORY	140	6 Diseases of the Bones (Tuberculosis
21	Glanders	1			Excepted)
22	Anthrax		SYSTEM.	14:	7 Diseases of the Joints (Tuberculosis and
23	Rabies	86	Diseases of Nasal Fossae		Rheumatism Excepted)
24	Tetanus	87	Diseases of Thyreoid Rody	148	3 Amputations
25	Mycoses	89	Diseases of Thyreoid Body	149	
26	Pellagra	90	Chronic Bronchitis		motion
27	Beriberi	91	Bronchopneumonia33		X-MALFORMATIONS.
28	Tuberculosis of the Lungs	92	Pneumonia	150	
29	Acute Miliary Tuberculosis	93	Pleurisy 1		not Included)2
30	Tuberculous Meningitis 1 Abdominal Tuberculosis	94	Pulmonary Congestion, Pulmonary		
31 32	Pott's Disease		Apoplexy		XI—DISEASES OF EARLY INFANCY.
33	White Swellings	95	Gangrene of the Lung	151	Congenital Debility Icterus and Sclerema
34	Tuberculosis of other Organs	96	Asthma		a Premature Birth
35	Disseminated Tuberculosis	97	Pulmonary Emphysema		b Congenital Debility 2
36	Rickets	98	Other Diseases of Respiratory System	152	
37	Syphilis		(Tuberculosis Excepted)	153	Lack of Care
38	Gonococcus Infection	V-	-DISEASES OF THE DIGESTIVE SYS-		XII-OLD AGE.
39	Cancer and other Malignant Tumors of		TEM.	154	
4.0	the Buccal CavityCancer and other Malignant Tumors of	99	Diseases of the Mouth and Annexa	101	t then the transfer of the tra
40	the Stomach, Liver	100a	Diseases of the Pharynx		XIII-EXTERNAL CAUSES.
41	Cancer and other Malignant Tumors of	1	Septic Sore Throat	155	Suicide by Poison
41	the Peritoneum, Intestines, Rectum	101	Diseases of the Oesophagus	156	
42	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	157	
	the Female Genital Organs 1	103	Other Diseases of the Stomach (Cancer	158	
43	Cancer and other Malignant Tumors of	104	Excepted)	159	Suicide by Firearms 2
	the breast	105	Diarrhoea and Enteritis (under 2 years) 6 Diarrhoea and Enteritis (2 years and over) 1	160	, 0
44	Cancer and other Malignant Tumors of	106	Ankylostomiasis	101	ments.
AF	the skin	107	Intestinal Parasites	161	
45	other organs and of organs not	108	Appendicitis and Typhlitis	163	, ,
	specified	109	Hernia, Intestinal Obstructions 1	164	
46	Other Tumors (Tumors of the female	110	Other Diseases of the Intestines	165	
	genital organs excepted)	111	Acute Yellow Atrophy of the Liver	168	Conflagration
47	Acute Articular Rheumatism	112	Hydatid Tumor of the Liver	167	Burns (Conflagration Excepted) 2
48	Chronic Rheumatism and Gout	114	Biliary Calculi	168	
49	Scurvy	115	Other Diseases of the Liver	1.00	flagration Excepted)
50	Diabetes	116	Diseases of the Spleen	169	
51 52	Addison's Disease	117	Simple Peritonitis (nonpuerperal)	171	
53	Leuchæmia	118	Other Diseases of the Digestive System		struments
54	Anæmia, Chlorosis		Cancer and Tuberculosis Excepted	172	
55	Lethargic Encephalitis	VI-	NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
56	Alcoholism (Acute or Chronic) 1		GENITO-URINARY SYSTEM AND	174	
57	Chronic Lead Poisoning		ANNEXA.	175	
58	Other Chronic Occupation Poisonings	119	Acute Nephritis	100	cles, Railroad, Landslides, etc.)
59	Other Chronic Poisonings	120	Bright's Disease 2	176	
	MODA CEO OF THE MEDIANO OVERTA	121	Chyluria.	177	
	DISEASES OF THE NERVOUS SYSTEM	122	Other Diseases of the Kidneys and	179	
Al	ND OF THE ORGANS OF SPECIAL		Annexa	180	Lightning
	SENSE.	123	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis	124	Diseases of the Bladder.	182	Homicide by Firearms
61	Simple Meningitis	125	Diseases of the Urethra, Urinary Abscess, etc.	183	
61a		126	Diseases of the Prostate	104	struments
62 63a	Anterior Poliomyelitis	127	Nonvenereal Diseases of the Male Geni-	184	
b	Other Diseases of the Spinal Cord 1		tal ()rgans	186	
64	Cerebral Haemorrhage, Apoplexy 3	128	Uterine Haemorrhage (nonpuerperal)		
65	Softening of Brain	129	Uterine Tumor (noncancerous)		XIV-ILL DEFINED DISEASES.
66	Paralysis Without Specified Cause	130	Other Diseases of the Uterus	187	
67	General Paralysis of the Insane	131	Cysts and other Tumors of the Ovary	188	Sudden Death
68	Other Forms of Mental Alienation	132	Salpingitis and other Diseases of the Female Gental Organs	189	
69 70	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast	-	
71	Convulsions of Infants	1	(Cancer Excepted)		TOTAL DEATHS 192

#### DEATHS BY AGES Females Under 1 day ...... 5 1-2 days ...... 1 1 2-3 days ...... 4 3 days-1 week ...... 2 2 1-2 weeks ..... 0 0 2-3 weeks ..... 0 0 3 wks-1 month...... 0 0 1-2 months...... 1 2-3 months ..... 4 1 4 6.9 months ...... 9 1 year ......18 9 2 years...... 3 0 3 years ..... 4 4 years ...... 3 2 5-9 years..... 4 10-14 years...... 2 15-19 years...... 4 1 20-24 years ...... 3 25-29 years ...... 9 30-34 years...... 8 5 35-39 years ...... 3 40-44 years..... 6 45-49 years..... 4 50-54 years..... 7 55-59 years...... 8 6 10 70-74 years.....13 75-79 years...... 9 6 80-84 years ...... 8 85-89 years..... 1 90-94 years...... 0 0 95-99 years...... 1 1 0 100+ ...... Wales. Unknown ..... 0 New Brunswick Unknown ..... DEATHS BY WARDS

1	28
2	15
3	27
4	13
5	10
6	23
7	8
8	38
9	30

#### HOSPITALS

City Hospital10	)
Union Hospital	5
St. Anne's Hospital	Ŀ
Bay View Hospital 3	3
Highland Rd. Hospital	
Truesdale Hospital 2	2
Contagious Hospital	į
City Home	2

#### STILL BIRTHS

Males	10
Females	8
Unknown	0
Total	18

NATIVITY
Fall River109
Massachusetts
Other States
Ireland1
Canada1
England1
Scotland
Germany
Azores1
Austria
France
Belgium
Russia
Portugal
Italy
Poland
Syria
Australia
Sweden
Spain
Greece
Nove Section

#### CEMETERIES

SEY
Brought here for interment
Sent away for interment 9
Agedas Aham
Our Lady of Light1
Nwoo Hill1
St. Mary's (Polish)
Notre Dame71
St. Patrick's 60
Ot. Mary 8
St. Mary's 1
St. John's 5
North Burial Ground 5
Oak Grove

### SEX 93

Male

M

Si

W

D

Female ....

COLOR
Vhite191
Colored 1

#### CONDITION

larried	55
ingle	97
Vidowed	40
ivorced	
nknown	

There were 685 cases of contagious diseases reported for Feb., viz: Diphtheria \_\_\_\_\_23 Scarlet Fever\_\_\_\_\_16 Typhoid Fever.....

Tuberculosis of Lungs.....17

Tuberculosis, Other Forms. ..... 1

Whooping Cough...... 8 Measles .... Ophthalmia Neonatorum ..... Suppurative Conjunctivitis..... Chicken Pox 8 German Measles ..... Cerebro-Spinal Meningitis..... Pneumonia, Lobar ...... 68

Mumps ..... Septic Sore Throat ..... Influenza......506 Syphilis ..... Gonorrhea Dog Bite...

Anterior Poliomyelitis..... 1

The following is the number of contagious diseases reported in each ward: 1-120; 2-79; 3-62; 4-65; 5-44; 6-145; 7-39; 8-57; 9-74

Estimating the population at 131,358, 192 deaths would give an annual death rate of 17.54 in 1,000.

This is 40 more than last month and 3 more than the same month in 1919.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

### CLEAN UP

With the disappearance of snow and ice from the streets and backyards, there is brought to light all the rubbish that has been allowed to accumulate during the winter. Ordinarily this accumulation presents an unsightly appearance, but the conditions which existed during the months of February and March added tremendously to these conditions. The extremely heavy fall of snow which blocked our streets and made it necessary for our Superintendent of Streets to suspend for weeks the collection of ashes etc. by the Scavenger Division of his Department and which interfered with the service of the Garbage Contractor added materially to these conditions this Spring. As a preliminary to our annual clean-up week, the Board of Health authorized the publishing in all the daily newspapers of the city on March 31st, April 1st, 2nd and 3rd of the following advertisement:—

March 30, 1920.

Property owners as well as the occupants of all houses and tenements are aware of the conditions that exist in yards, alley ways and cellars since the disappearance of the snow and ice of the past winter which has interfered with the regular collection of swill and kitchen waste, and completely put a stop to the collection of ashes and other refuse matter by the Street Department for several weeks.

Citizens obliged to maintain vaults and cesspools, owing to the absence of a public sewer in the street upon which the property abuts, will find that they have been filled with surface water during the spring thaw and are, therefore, called upon to have the contents removed before they get to overflowing or cause sickness.

The effect of this accumulation of waste and rubbish is a grave menace to the health of our citizens and if not cleaned up and removed before warm weather sets in may result in an epidemic of disease.

The Board of Health therefore calls upon all public spirited law abiding citizens to give this most important matter of sanitation immediate attention so that the lives and health of our people may not be placed in danger with the advent of spring and the coming of hot weather.

A good thorough clean-up now will leave much less to be done during the annual clean-up week which will be inaugurated after the middle of April, and because of the unusual conditions that exist this year may be extended to two weeks.

SAMUEL B. MORRISS,

Agent, Board of Health.

Clean up your premises NOW. The neglected rubbish heap will soon be the breeding place for flies. Every fly does not carry disease germs, but as they all breed, feed and thrive in filth, most of them do and no chances should be taken with them. Swatting the fly helps some, but the most effective way of reducing the fly population is to promptly destroy their breeding places. The rubbish that has been allowed to accumulate should be gathered up and removed, garbage containers should be kept tightly covered and should be thoroughly cleaned frequently.

If there were no filth, there would be no flies and less disease.

Spasmodic cleanliness is better than no cleanliness at all. But it is cleanliness all the time that makes most for health, happiness, and freedom from disease.

THE FLIERS' REVENGE

"Ten little flies
All in a line

One got a swat!

Then there were ......

Nine little flies Grimly sedate;

Licking their chops-

Swat! Then there were ......

Eight little flies

Raising some more—

Swat, swat! Swat, swat!

Then there were ....

Four little flies

Colored green-blue,

Swat, swat! (Aint' it easy?)

Then there were ..

Two little flies

Dodged the civilian-

Early next day

There were a million!"

Buffalo News.

#### CONTAGIOUS HOSPITAL REPORT FOR FEBRUARY, 1920 iphtheria and Spin. Menin Measle Ophthalmia Neonatorum **Typhoid** German Mumps Scarlet Total Patients admitted 5 13 Recovery 6 Termination $\mathbf{2}$ 5 TOTAL CASES OF CONTAGIOUS DISEASES IN THE CITY FOR FEBRUARY, 1920. 1 1 23 Cases reported 8 1 26 5 68 16 8 160 Deaths 10 19



Hall River, Mass.

## MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

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### CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

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VOL. IV. APRIL, 1920. NO. 4

## Mortality for the Month of March, 1920.

	After the Bertillon Classifica	ttion (	r Causes of Deaths, Second International Dec	enniai	Revision, Paris, 1909.
	I-GENERAL DISEASES.	72	Chorea		VII—THE PUERPERAL STATE
		73		134	
1	Typhoid Fever	74		135	Accidents of Pregnancy
2	Typhus Fever	75		136	Puerperal Haemorrhage
3	Relapsing Fever	76		137	Other Accidents of Labor
4	Malaria				Puerperal Albuminuria and Convulsions 1
5	Smallpox	III	-DISEASES OF THE CIRCULATORY	138	Puerperal Phlogmania Alba Doloni am
6	Measles 3	1	SYSTEM.	109	Puerperal Phlegmasia Alba Dolens, em-
7	Scarlet Fever 2	77	Pericarditis	140	bolus, Sudden Death
8	Whooping Cough	78		140	Following Childbirth (not otherwise de-
9	Diphtheria and Croup 2	79		141	fined) Puerperal Diseases of the Breast
10	Influenza10	80		141	I desperal Diseases of the Breast
11	Miliary Fever	81	Diseases of the Arteries, Atheroma,	VIII	-DISEASES OF THE SKIN AND OF
12	Asiatic Cholera	0.	Aneurysm, etc		THE CELLULAR TISSUE.
13	Cholera Nostras	82	Embolism and Thrombosis 9	142	Gangrene
14	Dysentery	83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle 1
15	Plague	00	phlebitis, etc)	144	Acute Abscess
16	Yellow Fever	84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa.
17	Leprosy	"	gitis, etc.	140	Other Diseases of the Sain and Amicaa
18	Erysipelas	85	Haemorrhage; Other Diseases of the	IX-	DISEASES OF THE BONES AND OF
19	Other Epidemic Diseases		Circulatory System		THE ORGANS OF LOCOMOTION.
a	Mumps				
20	Purulent Infection and Septicæmia	IV-	-DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis
21	Glanders		SYSTEM.	140	Excepted)
22	Anthrax	86	Diseases of Nasal Fossae	147	Diseases of the Joints (Tuberculosis and
23	Rabies	87	Diseases of Larynx 1	140	Rheumatism Excepted)
24	Tetanus	88	Diseases of Thyreoid Body	148	Amputations
. 25	Mycoses	89	Acute Bronchitis	149	Other Diseases of the Organs of Loco-
26	Pellagra	90	Chronic Bronchitis		motion
27	Beriberi	91	Bronchopneumonia26		X-MALFORMATIONS.
28	Tuberculosis of the Lungs12	92	Pneumonia	150	Congenital Malformation (Still births
29	Acute Miliary Tuberculosis	93	Pleurisy	100	not Included)
30	Tuberculous Meningitis 1	94	Pulmonary Congestion, Pulmonary		not included)
31	Abdominal Tuberculosis		Apoplexy 1	XI	-DISEASES OF EARLY INFANCY.
32	Pott's Disease	95	Gangrene of the Lung	151	Committed D. 1999, Lat. 1991
33	White Swellings	96	Asthma	151	Congenital Debility Icterus and Sclerema
34	Tuberculosis of other Organs	97	Pulmonary Emphysema	a	Premature Birth
35	Disseminated Tuberculosis	98	Other Diseases of Respiratory System	150	Congenital Debility
36	Rickets		(Tuberculosis Excepted)	152	Other Diseases Peculiar to Early Infancy 1
37	Syphilis			153	Lack of Care
38	Gonococcus Infection	V-	-DISEASES OF THE DIGESTIVE SYS-		XII- OLD AGE.
39	Cancer and other Malignant Tumors of		TEM.	154	Senility
	the Buccal Cavity 1	99	Diseases of the Mouth and Annexa	101	
40	Cancer and other Malignant Tumors of	100			XIII-EXTERNAL CAUSES.
	the Stomach, Liver		Septic Sore Throat	155	Cuisida ha Daisan
41	Cancer and other Malignant Tumors of	101	Diseases of the Oesophagus	155	Suicide by Poison
	the Peritoneum, Intestines, Rectum 3	102	Ulcer of the Stomach	156	Suicide by Asphyxia
42	Cancer and other Malignant Tumors of	103	Other Diseases of the Stomach (Cancer	157	Suicide by Hanging or Strangulation 1
	the Female Genital Organs		Excepted) 2	158	Suicide by Drowning
43	Cancer and other Malignant Tumors of	104	Diarrhoea and Enteritis (under 2 years) 8	159	Suicide by Firearms
	the breast	105	Diarrhoea and Enteritis (2 years and over)	160	Suicide by Cutting or Piercing Instru-
44	Cancer and other Malignant Tumors of	106	Ankylostomiasis	1.01	ments.
45	the skin	107	Intestinal Parasites	161 162	Sucide by Jumping from a High Place
45	Cancer and other Malignant Tumors of	108	Appendicitis and Typhlitis 1	4.00	Suicide by Crushing.
	specified	109	Hernia, Intestinal Obstructions 1	163 164	Poisoning by Food
8.0	Other Tumors (Tumors of the female	110	Other Diseases of the Intestines	165	Other Acute Poisonings
46	genital organs excepted)	111	Acute Yellow Atrophy of the Liver	166	
A7	Acute Articular Rheumatism 1	112	Hydatid Tumor of the Liver	167	Burns (Conflagration Excepted)
47 48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	168	Absorption of Deleterious Gases (Con-
49	Scurvy	114	Piliary Calculi	100	flagration Excepted)
50	Diahetes 2	115	Other Diseases of the Liver	169	Accidental Drowning
51	Exophthalmic Goitre	116	Diseases of the Spleen	170	Traumatism by Firearms
52	Addison's Disease	117	Simple Peritonitis (nonpuerperal)	171	Traumatism by Cutting or Piercing In-
53	Leuchæmia	118	Other Diseases of the Digestive System		struments
54	Anæmia, Chlorosis		Cancer and Tuberculosis Excepted	172	Traumatism by Fall
55	Lethargic Encephalitis	VI-	-NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
56	Alcoholism (Acute or Chronic)		GENITO-URINARY SYSTEM AND	174	Traumatism by Machines
57	Chronic Lead Poisoning			175	Traumatism by other Crushing (Vehi-
58	Other Chronic Occupation Poisonings		ANNEXA.		cles, Railroad, Landslides, etc.) 1
59	Other Chronic Poisonings	119	Acute Nephritis 3	176	Injuries by Animals
		120	Bright's Disease 8	177	Starvation
I-D	ISEASES OF THE NERVOUS SYSTEM	121	Chyluria	178	Excessive Cold
	ID OF THE ORGANS OF SPECIAL	122	Other Diseases of the Kidneys and	179	Effects of Heat
MI			Annexa	180	Lightning
	SENSE.	123	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis	124	Diseases of the Bladder.	182	Homicide by Firearms
61	Simple Meningitis	125	Diseases of the Urethra, Urinary	183	Homicide by Cutting or Piercing In-
61 a	Cerebrospinal Fever	126	Abscess, etc.  Diseases of the Prostate	104	struments
62	Anterior Policemeditie	126	Nonvenereal Diseases of the Male Geni-	184	Homicide by other Means
<b>63</b> a	Anterior Poliomyelitis	127	tal Organs	185	Fractures (Cause not Specified)
e a	Other Diseases of the Spinal Cord	128	Uterine Haemorrhage (nonpuerperal)	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy 4	129	Uterine Tumor (noncancerous)		XIV-ILL DEFINED DISEASES.
65	Softening of Brain	130	Other Diseases of the Uterus	400	
66 <b>6</b> 7	General Paralysis of the Insane	131	Cysts and other Tumors of the Ovary	187	Ill Defined Organic Disease
68	Other Forms of Mental Alignation	132	Salpingitis and other Diseases of the	188	Sudden Death
69	Epilepsy		Female Genital Organs	189	Cause of Death not Specified or Ill-defined
70	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast		
71	Convulsions of Infants	1	(Cancer Excepted)	1	TOTAL DEATHS 179

### DEATHS BY AGES

	Fotal	Males	Femal
Under 1 day	2	1	1
1-2 days	3	3	0
2-3 days	3	3	0
3 days-1week	4	2	2
1-2 weeks	3	2	1
2-3 weeks	0	0	0
3 wks-1 month	3	2	1
1-2 months	4	2	2
2-3 months	2	2	0
3-6 months	7	5	2
6-9 months	6	3	3
9-12 months	7	2	5
1 year1	0	7	3
2 years	3	0	3
3 years	2	1	1
4 years	2	1	1
5-9 years	2	1	1
10-14 years	1	1	0
15-19 years	5	3	2
20-24 years	3	2	1
25-29 years	8	ō	3
30-34 years	ŏ	3	2
35-39 years	£	2	2
40-44 years	6	2	4
45-49 years	9	4	5
50-54 years	7	4	3
55-59 years	5	2	3
60-64 years1	0	6	4
65-69 years	9	5	4
70-74 years18	8	9	9
75-79 years	9	3	6
80-84 years1	4	4	10
85-89 years	2	0	2
90-94 years	1	1	0
95-99 years	0	0	0
100 +	0	0	0
Unknown	0	0	0
Total17	9	93	86

#### DEATHS BY WARDS

1	33
2	25
3	25
4	9
5	11
6	23
7	3
8	32
9	18

#### HOSPITALS

City Hospital
Union Hospital 4
St. Anne's Hospital 7
Bay View Hospital
Highland Rd. Hospital
Truesdale Hospital 2
Contagious Hospital 5
City Home10
STILL BIRTHS
Males 8

### NATIVITY

Females ...... 5

Unknown \_\_\_\_\_0

Fall River	35
Massachusetts	8
Other States1	5
Ireland1	7
Canada	8
England	7
Scotland	3
Germany	
Azores	9
Austria	
France	
Belgium	
Russia	1
Portugal	
Italy	2
Poland	1
Syria	1
Australia	
Sweden	
Spain	
Greece	
Nova Scotia	

Wales. New Brunswick

### CEMETERIES Oak Grove ...... 40

North Rurial Ground

North Dullar Ground	-
St. John's	5
St. Mary's	2
	52
Notre Dame	61
St. Mary's (Polish)	
Nwoo Hill	
Our Lady of Light	1
Agedas Aham	
Sent away for interment	6
Brought here for interment	
SEX	

### Female ...... 86 COLOR

### White \_\_\_\_\_179 Colored 0

#### CONDITION Married ...... 54 Widowed ...... 47 Divorced ..... Unknown

There were 221 cases of contagious diseases reported for March, viz: Diphtheria \_\_\_\_\_29 Scarlet Fever 8 Tuberculosis of Lungs \_\_\_\_\_18 Tuberculosis, Other Forms. ..... 3 Whooping Cough......10 Measles 48 Ophthalmia Neonatorum .....11 Suppurative Conjunctivitis..... Chicken Pox 6

German Measles Cerebro-Spinal Meningitis..... 1 Pneumonia, Lobar \_\_\_\_\_31 Mumps 2 Septic Sore Throat Influenza 47 Syphilis 1 Gonorrhea 1 Trachoma......1

Anterior Poliomyelitis.....

The following is the number of contagious diseases reported in each ward: 1-43; 2-34, 3-21; 4-29; 5-15; 6-41; 7-5; 8-10; 9-23.

3

Estimating the population at 131,358, 179 deaths would give an annual death rate of 16.35 in 1,000.

This is 13 less than last month and 6 more than the same month in 1919.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

### MILK

After having had the matter under consideration for some time past, the Board of Health at a meeting held March 29, 1920 adopted amendments to Regulation No. 71 for the further protection of the production, care and handling of milk intended for sale, or delivery, in this city, as follows:

#### REGULATION

At a meeting held this date the following amendments to Regulation No. 71, for the production, sale and delivery of milk in the City of Fall River, were unanimously adopted, to go into

full force and effect June 1st, 1920.

Section 27. No milk shall be sold or delivered in the City of Fall River for human consumption unless it is produced, cooled, prepared, stored, handled and delivered in accordance with Regulation No. 71 as hereby amended and by the authority of a permit from the Board of Health to the producer and a license issued to the dealer and in accordance with the laws of the Commonwealth.

Section 28. All milk sold or offered for sale in the City of Fall River shall be graded according to the following standards and must be put into sanitary containers approved by the Board of Health, in which it is to be delivered, at the dairy farm or milk depot, each container to be plainly labelled to indicate the

grade of milk contained therein.

Section 29. ALL WHOLE MILK, of whatsoever grade, shall contain not less than three and thirty-five one hundredths per cent (3.35 p. c.) of butter fat, as provided by the laws of the

State of Massachusetts.

Section 30. Grade A milk shall be produced upon a dairy farm on which the cattle, barn, milk room, utensils, etc. score not less than 80 upon the score card, under the rules and regulations of the Board of Health, and such milk upon a bacteriological examination after it has been drawn from the cow, strained and cooled shall not contain over 200,000 bacteria per cubic centimeter. It shall be optional with the dealer of grade A milk whether he pasteurizes or sells such milk naw, but every container of grade A milk must, besides having the stopper of the container plainly marked with the letter A, also have the word "RAW" or "PASTEURIZED", as the case may be, printed in plain letters thereon.

Grade B milk shall be produced upon a dairy farm on which the cattle, barn, milk room, utensils, etc. score not less than 60 upon the score card, under the rules and regulations of the Board of Health, and such milk upon a bacteriological examination after it has been drawn from the cow, strained and cooled shall not contain over 500,000 bacteria per cubic cent-All grade B milk must be properly clarified and pasteurized, and in addition to the letter B upon the stopper of the container must have the word "PASTEURIZED" in plain

letters printed thereon.

Grade C milk shall include all milk sold or delivered other than WHOLE MILK of grade A, grade B, or certified, such as skimmed milk butter milk, etc.

Section 31. "CERTIFIED MILK" may be sold as such if it

conforms to the standards prescribed by the American Association of Medical Milk Commissions for "certified milk" and the Board of Health may certify a dairy that so conforms to such requirements and issue a license to the producer or dealer for the sale of such milk.

Section 32. All existing regulations or parts of regulations inconsistent herewith are hereby rescinded.

Section 33. Any violation of regulation No. 71, as hereby amended, is punishable by a fine of \$100.00 for each offence or by revocation of the license and by such other penalties as are provided by the laws of the Commonwealth.

This action was taken after a conference had been held by the Board with a committee of the Chamber of Commerce and representatives of the Medical Society, District Nursing Association, Association for Community Welfare, Women's Clubs, Fall River Dairy Association, Fall River Milk Producers Association, Division of Food and Drugs of the Mass. Department of Public Health and the Mass. Agricultural College. This conference had been called by the committee of the Chamber of Commerce.

In considering the question in the past, the Board had gone slow because it felt that if it insisted that milk should be pasteurized that producers and dealers on account of the added expense by reason of purchasing new equipment etc. would find it necessary to raise the price of milk to the consumer. It is a well known fact to those interested that the per capita comsumption of milk in Fall River is only about one-third what it should be and the Board had feared that if the milk dealer raised his price, the consumer would buy and use still less milk.

Authorities agree that the safest milk is milk that has been properly pasteurized and some of those present at the conference were in favor of having all the milk pasteurized. One of the medical men present, however, called attention to the fact that physicians at times prescribed raw milk, properly modified and he felt that provision should be made so that raw milk

would be available for such cases.

As a result of the conference and the opinions and suggestions of those present, the Board decided that the time had come to adopt these progressive amendments to our regulation. For with the hearty cooperation of the associations represented, it felt assured that it will be possible to enforce the regulation and instead of decreasing the average consumption of milk, increase it.

With the enforcement of this amended regulation, the increased cleanliness of the production of milk would warrant these interested organizations in joning with the Board of Health in an effort to educate the people of Fall River to use more milk. While it is realized that the price of milk has increased greatly in the past few years, still milk is a comparatively cheap food, and it is delivered to the consumer in small quantities. With the realization of its real value and an increased demand, especially if the milk consumed should amount to what it should, about three times as much as it is at present, the producer and dealer would most likely find that they could not only do business without increasing the cost to the consumer but by lowering it.

Baby-By, here's a fly Let us swat him, you and I

Screen and Swat

Don't allow flies in your house.

Don't permit them near your food, especially milk.

Don't buy food stuffs where flies are tolerated.

Don't eat where flies have access to the food.

Don't forget to put your screens in early.

#### CONTAGIOUS HOSPITAL REPORT FOR MARCH, 1920 German Measle Fever Cerebro-Spinal Anterior Poliomyelitis Ophthalmia Neonatorum Scarlet Fever Pneumonia Diphtheria Chicken Dog Bite **Fyphoid** Syphillis Measles Mumps 2 Patients admitted 4 6 5 Recovery 11 Termination 2 Death TOTAL CASES OF CONTAGIOUS DISEASES IN THE CITY FOR MARCH, 1920. 6 29 Cases reported 1 48 31 8 2 11 10 1 151 Deaths 2 3 7 2 14



Hall River, Mass.

## MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

VOL. IV.

MAY, 1920.

NO. 5

# Mortality for the Month of April, 1920.

	After the Bertillon Classific	ation	of Causes of Deaths, Second International D	ecenn	ial Revision, Paris, 1909.
	I-GENERAL DISEASES.		2 Chorea		VII-THE PUERPERAL STATE
1	Typhoid Fever	7	3 Neuralgia and Neuritis	1.13	Accidents of Pregnancy
2	Typhus Fever	7	4 Other Diseases of Nervous System		Fuerperal Haemorrhage
3		7	5 Diseases of the Eyes and their Annexa		other Accidents of Labor.
4	Relapsing Fever		6 Diseases of the Ears		
5	Malaria			9.0	
	Smallpox		-DISEASES OF THE CIRCULATOR!		Puerperal Albuminuria and Convulsions
6	Measles 1		SYSTEM.	10	Puerperal Phlegmasia Alba Dolens, em-
7	Scarlet Fever	7			bolus, Sudden Death
8	Whooping Cough	I .		14	
9	Diphtheria and Croup 2	7		- 1	fined)
10	Influenza	7			Puerperal Diseases of the Breast
11	Miliary Fever	8		1 37	III-DISEASES OF THE SKIN AND OF
12	Asiatic Cholera	8			
13	Cholera Nostras		Aneurysm, etc	3	THE CELLULAR TISSUE.
14	Dysentery	8		L 14	2 Gangrene
15	Plague	8	Diseases of Veins (varices, haemorrhoids,	14	
16	Yellow Fever		phlebitis, etc)	14	
17	Leprosy	8	Diseases of Lymphatic System (Lymphan-	14	5 Other Diseases of the Skin and Annexa
18			gitis, etc 1		
19	Erysipelas	8		IX	-DISEASES OF THE BONES AND OF
	Other Epidemic Diseases		Circulatory System		THE ORGANS OF LOCOMOTION.
a	A				
20	Purulent Infection and Septicæmia	IV	-DISEASES OF THE RESPIRATORY	14	
21	Glanders	1	SYSTEM.	1	Excepted)
22	Anthrax	86		14	7 Diseases of the Joints (Tuberculosis and
23	Rabies				Rheumatism Excepted)
24	Tetanus 1	87		14	8 Amputations
25	Mycoses	88		14	9 Other Diseases of the Organs of Loco-
26	Péllagra	89			, motion
27	Beriberi	90			
28	Tuberculosis of the Lungs 6	91	Bronchopneumonia		X-MALFORMATIONS.
29	· Acute Miliary Tuberculosis	92	Pneumonia 3	150	O Congenital Malformation (Still births
30	Tuberculous Meningitis	93	Pleurisy 1		not Included) 2
31	Abdominal Tuberculosis	94	Pulmonary Congestion, Pulmonary	1	
32	Pott's Disease		Apoplexy		XI-DISEASES OF EARLY INFANCY.
	White Swellings	95	Gangrene of the Lung		
33	Tuberculosis of other Organs	96	Asthma	15	
34		97	Pulmonary Emphysema		a Premature Birth
35	Disseminated Tuberculosis	98	Other Diseases of Respiratory System		b Congenital Debility
36	Rickets 1		(Tuberculosis Excepted)	152	2
37	Syphilis			153	Lack of Care
38	Gonococcus Infection	V	-DISEASES OF THE DIGESTIVE SYS-		XII-OLD AGE.
39	Cancer and other Malignant Tumors of		TEM.	1 /	
	the Buccal Cavity	99	Diseases of the Mouth and Annexa	154	Senility 2
40	Cancer and other Malignant Tumors of	100		1	VIII EVEEDNAL GALIONS
	the Stomach, Liver 3	100			XIII-EXTERNAL CAUSES.
41	Cancer and other Malignant Tumors of		b Septic Sore Throat	155	Suicide by Poison
	the Peritoneum, Intestines, Rectum	101	Diseases of the Oesophagus	156	Suicide by Asphyxia
42	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	157	Suicide by Hanging or Strangulation
	the Female Genital Organs 1	103	Other Diseases of the Stomach (Cancer	158	Suicide by Drowning
43	Cancer and other Malignant Tumors of		Excepted) 2	159	Suicide by Firearms
	the breast	104	Diarrhoea and Enteritis (under 2 years). 7	160	Spicials by Cutting on Disposing Land
44	Cancer and other Malignant Tumors of	105	Diarrhoea and Enteritis (2 years and over) 1	100	, , , , , , , , , , , , , , , , , , , ,
••	the skin	106	Ankylostomiasis	161	ments.
45	Cancer and other Malignant Tumors of	107	Intestinal Parasites	162	
10	other organs and of organs not	108	Appendicitis and Typhlitis 3		
	specified	109	Hernia, Intestinal Obstructions 2	163	Other Suicides
46	Other Tumors (Tumors of the female	110	Other Diseases of the Intestines	164	
46		111	Acute Vellow Atrophy of the Liver	165	
47	genital organs excepted)	112	Hydatid Tumor of the Liver	166	Conflagration
47	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	167	
48		114	Biliary Calculi	168	Absorption of Deleterious Gases (Con-
49	Scurvy	115	Other Diseases of the Liver 1		flagration Excepted)
50	Diabetes	116	Diseases of the Spleen	169	Accidental Drowning
51	Exophthalmic Goitre	117	Simple Peritonitis (nonpuerperal)	170	Traumatism by Firearms
52	Addison's Disease	118	Other Diseases of the Digestive System	171	Traumatism by Cutting or Piercing In-
53	Leuchæmia	-10	Cancer and Tuberculosis Excepted		struments
54	Anæmia, Chlorosis			172	Traumatism by Fall 2
55	Lethargic Encephalitis	VI-	-NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
56	Alcoholism (Acute or Chronic)		GENITO-URINARY SYSTEM AND	174	Traumatism by Machines
57	Chronic Lead Poisoning			175	Traumatism by other Crushing (Vehi-
58	Other Chronic Occupation Poisonings		ANNEXA.		cles, Railroad, Landslides, etc.) 1
59	Other Chronic Poisonings	119	Acute Nephritis	176	Injuries by Animals
		120	Bright's Disease16	177	Starvation
I-D	ISEASES OF THE NERVOUS SYSTEM	121	Chyluria	178	Excessive Cold
	ID OF THE ORGANS OF SPECIAL	122	Other Diseases of the Kidneys and	179	
4.00			Annexa	180	Lightning
	SENSE.	123	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis 1	124	Diseases of the Bladder	182	Homicide by Firearms
61	Simple Meningitis	125	Diseases of the Urethra, Urinary	183	Homicide by Cutting or Piercing In-
<b>61</b> a	Cerebrospinal Fever		Abscess, etc.		struments
62	Locomotor Ataxia	126	Diseases of the Prostate	184	Homicide by other Means
<b>63</b> a	Anterior l'oliomyelitis	127	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)
b	Other Diseases of the Spinal Cord		tal Organs	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy 6	128	Uterine Haemorrhage (nonpuerperal)	100	Table
65	Softening of Brain	129	Uterine Tumor (noncancerous)		XIV-ILL DEFINED DISEASES.
66	Paralysis Without Specified Cause 2	130	Other Diseases of the Uterus	10-	
67	General Paralysis of the Insane	131	Cysts and other Tumors of the Ovary	187	lil Defined Organic Disease
68	Other Forms of Mental Alienation	132	Salpingitis and other Diseases of the	188	Sudden Death
69	Epilepsy 1		Female Genital Organs	189	Cause of Death not Specified or Ill-defined
70	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast		
71	Convulsions of Infants		(Cancer Excepted)		TOTAL DEATHS 136
				,	130

#### Females Males Under 1 day ...... 5 1-2 days ..... 0 2-3 days ...... 1 3 days-1 week ...... 3 1-2 weeks ...... 3 2-3 weeks ...... 2 1 3 wks-1 month...... 0 1-2 months...... 1 2-3 months ...... 3 1 3-6 months...... 6 0 6-9 months...... 3 1 1 year ......10 4 2 years ..... 2 3 years ..... 5 2 3 4 years ..... 0 0 0 5-9 years..... 3 10-14 years ...... 1 0 15-19 years...... 3 1 20-24 years ...... 3 25-29 years ...... 4 2 30-34 years ...... 1 1 35-39 years ...... 2 0 40-44 years..... 6 2 45-49 years..... 4 3 50-54 years..... 5 55-59 years.....12 6 60-64 years.....11 5 65-69 years...... 12 7 70-74 years..... 4 3 75-79 years...... 7 80-84 years ...... 7 4 90-94 years...... 2

DEATHS BY AGES

#### DEATHS BY WARDS

Total......136 66

0

70

95-99 years..... 0

100+ ..... 0

Unknown ..... 0

	22
2	18
3	9
4	11
5	10
6	19
7	4
8	23
9	20

#### HOSPITALS

City Hospital	9
Union Hospital	6
St. Anne's Hospital	4
Bay View Hospital	1
Highland Rd. Hospital	
Truesdale Hospital	1
Contagious Hospital	
City Home	9
	_

#### STILL BIRTHS

Males1	0
Females	5
Unknown	0
Total1	5

#### NATIVITY

NATIVITY
Fall River 6
Massachusetts
Other States10
Ireland
Canada10
England1
Scotland
Germany
Azores1
Austria
France
Belgium
Russia
Portugal
Italy
Poland
Syria
Australia
Sweden
Spain
Greece
Nova Scotia
Wales
New Brunswick
Unknown

#### CEMETERIES

Uak Grove	20
North Burial Ground	9
St. John's	2
St. Mary's	2
	36
Notre Dame	49
St. Mary's (Polish)	
Nwoo Hill	1
Our Lady of Light	3
Agedas Aham	
Sent away for interment	5
Brought here for interment	23
SEX	

#### SEX

Male.....

Colored

Femal	e	70
	COLOR	
White		36

#### CONDITION

Married	43
Single	69
Widowed	
Divorced	1
Unknown	

There were 120 cases of contagious diseases reported for April, viz:

Diphtheria	.12
Scarlet Fever	.15
Typhoid Fever	
Tuberculosis of Lungs	.17
Tuberculosis, Other Forms.	5
Whooping Cough	. 2
Measles	
Ophthalmia Neonatorum	
Suppurative Conjunctivitis	
Chicken Pox	. 3
German Measles	
Cerebro-Spinal Meningitis	
Pneumonia, Lobar	12
Mumps	. 2
Septic Sore Throat	
Influenza	

Syphilis .....

Gonorrhea......

Anterior Poliomyelitis...

The following is the number of contagious diseases reported in each ward: 1-13; 2-25, 3-11; 4-12; 5-7; 6-25; 7-3; 8-8; 9-16.

Tetanus.

Estimating the population at 131,358, 136 deaths would give an annual death rate of 12.42 in 1,000.

This is 43 less than last month and 18 less than the same month in 1919.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

On account of numerous complaints received, the Board of Health had investigation made of the methods used in the cleansing of glasses, spoons, forks and other utensils used in the sale or dispensing of liquids, beverages, drinks, food and other refreshments. The results of the investigation proved that the complaints were generally well founded. It was found that glasses etc., on account of the unsatisfactory and unsanitary way in which they were cleansed after each use, were practically in common use and as grave a menace to the Public Health as the common drinking cup which by authority of Chapter 428, Acts of 1910 were prohibited by the State Board of Health, October, 1.1910.

As far as we knew, the only city in the State of Massachusetts regulating glasses, etc., was the City of Boston and this department wrote to the Health Commissioner of that city, Dr. William C. Woodward, requesting information and suggestions relative to this subject. Dr. Woodward in forwarding copies of the Boston regulation and suggestions stated, in part: "So far as I could then [in 1918, when their regulation was adopted] discover, and as far as I now know, an exceedingly small number of the purveyors of beverages and foods in the City of Boston had any such conception of cleanliness in the dispensing of drinks and foodstuffs as is embodied in this regulation. I doubt very much if a single one of them had any such conception. It has therefore been the policy of the Health Department to proceed slowly by education rather than prosecution and there have been no prosecutions to date." Dr. Woodward also called attention to the fact that their regulation as then in force prohibited the use of such utensils, but did not make it unlawful to expose them for use. He stated that they were to be redrafted to include the exposing for use and suggested that this provision be included in our regulation. This suggestion was accepted and our regulation as adopted was patterned very closely after that of Boston with this provision added.

#### REGULATION

Section 1. The use or the exposure for use of any glass, cup, spoon, fork or other utensil used for the public sale or dispensing of liquids, beverages, drinks, food or other refreshments after having been once so used is hereby declared to be dangerous to the public health and unlawful unless the said articles or utensils shall have been previously thoroughly cleansed and scalded with clean boiling water, or otherwise sterilized.

Section 2. The proprietor of every establishment, store or other place in which drinks, beverages, or other refreshments or foods are dispensed will be held responsible for the observation and compliance with this regulation under a penalty of one hundred (\$100.00) dollars for every violation thereof and such other penalties as are provided by the laws of the Commonwealth for any violation of a regulation of the Board of Health legally made and promulgated.

Section 3. All vendors or dispensers of liquids, beverages, drinks, food or other refreshments described in this regulation are required to keep a copy of the same, which will be furnished by the Board of Health, posted conspicuously in their place of business.

Adopted in Board of Health meeting May 3, 1920 and published in all the daily newspapers of the city May 4, 1920.

We realized that, with but one Inspector on our rolls available for the enforcement of this regulation and the large number of establishments effected, the inspections, of necessity, could not be frequent. It was because of this that Section three, requiring that a copy of these regulations be posted conspicuously, was adopted. A customer of an establishment which is violating the provision of this regulation can very easily call the vendor's attention to his neglect by pointing to the printed regulation.

#### WHAT TO DO TO PROTECT YOURSELF AGAINST FLIES

Screen your windows and doors, DO IT NOW!

Screen all food, especially milk. Do not eat food that has been in contact with flies.

Keep flies away from the sick, especially those ill with typhoid fever, scarlet fever, dysentery, infantile diarrhea, and tuberculosis. Screen the patient's bed. Kill every fly that enters the sick room. Immediately disinfect and dispose of all discharges.

Catch the flies as fast as they appear. Use liquid poisons and sticky fly papers.

Allow no decaying matter of any sort to accumulate on or near your premises.

COI	NTA	GIO	ous	HC	SPI	TAL	R	EPC	RT	FC	OR A	PRII	١, 1	920			
	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Diphtheria	Dog Bite	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia Lobar)	Scarlet Fever	German Measler	Diphtheria and C. Spin. Menin.	Fyphoid Fever	Whooping Sough	Gonorrhea	Fetanus	Fetal
Patients admitted		*****		4	*****	*****		*****		4							 8
Termination Recovery	1		*****	7				*****	****	1	*****	*** *	1000-	01100		*****	 9
Death			*****	****			****	****	****						****		
TOTAL CA	ASES	OF	CON	TAG	HOUS	S DIS	SEAS	SES I	N TI	HE	CITY	FOR	API	RIL,	1920.		 
Cases reported	****	*****	3	12	*****	30	2	5	12	15	****	2 To 1 Mag	1	2	4	1	 -87
Deaths	*****	****	F000-6	2	*****	1	*****	*****	2	00040	*****	10000	*****		****		5

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Hall River, Mass.

## MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

VOL. IV. JUNE, 1920. NO. 6

# Mortality for the Month of May, 1920.

	I-GENERAL DISEASES.	7	Channe	1	TITL MILL DIED DE LE COLUMN
		7			VII—THE PUERPERAL STATE
1	Typhoid Fever	7		134	Accidents of Pregnancy
2	Typhus Fever	74		135	Puerperal Haemorrhage
3	Relapsing Fever	7		136	Other Accidents of Labor
4	Malaria	70	Diseases of the Ears	137	Puerperal Septicæmia
5	Smallpox	111	-DISEASES OF THE CIRCULATORY	138	Puerperal Albuminuria and Convulsions
6	Mancles	111		139	Puerperal Phlegmasia Alba Dolens, em-
7	Measles		SYSTEM.	100	bolus Suddon Death
6	Scarlet Fever	77	Pericarditis	140	bolus, Sudden Death
8	Whooping Cough	78		140	Following Childbirth (not otherwise de-
9	Diphtheria and Croup 2	79			nned)
10	Influenza			141	Puerperal Diseases of the Breast
11	Miliary Fever	80		WITT	DISEASES OF THE SUN AND O
12	Asiatic Cholera	81	Diseases of the Arteries, Atheroma,	V 444	-DISEASES OF THE SKIN AND O
13	Cholera Nostras		Aneurysm, etc 3		THE CELLULAR TISSUE.
14	Dysentery	82	Embolism and Thrombosis 2	142	Gangrene
15	Plague	83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle
16			phlebitis, etc)	144	Acute Alwage
	Yellow Fever	84	Diseases of Lymphatic System (Lymphan-	145	Acute Abscess
17	Leprosy		gitis, etc.		Other Diseases of the Skin and Annexa
18	Erysipelas 1	85	Haemorrhage; Other Diseases of the	IX-	DISEASES OF THE BONES AND O
19	Other Epidemic Diseases	00			
a	Mumps		Circulatory System	1	THE ORGANS OF LOCOMOTION.
20	Purulent Infection and Septicæmia	IV-	-DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis
21	Glanders	-			Excepted)
22	Anthrax		SYSTEM.	147	Diseases of the Joints (Tuberculosis and
23	Rabies	86	Diseases of Nasal Fossae		Rheumatism Ergontad
24	Tetanus	87	Diseases of Larynx 2	148	Rheumatism Excepted)
25		88	Diseases of Thyreoid Body		Amputations
	Nycoses	89	Acute Bronchitis	149	Other Diseases of the Organs of Loco-
26	Pellagra	90	Chronic Bronchitis		motion
27	Beriberi	91	Bronchopneumonia12		X-MALFORMATIONS.
28	Tuberculosis of the Lungs13	92	Pheumonia	1 = 0	
29	Acute Miliary Tuberculosis		Pneumonia 3	150	Congenital Malformation (Still births
30	Tuberculous Meningitis	93	Pleurisy 1		not Included)
31	Abdominal Tuberculosis	94	Pulmonary Congestion, Pulmonary		
32	Pott's Disease		Apoplexy 1	XI-	-DISEASES OF EARLY INFANCY.
33	White Swellings	95	Gangrene of the Lung	151	Congenital Debility Icterus and Sclerema
34	Tuberculosis of other Organs	96	Asthma	a	Promotion Digital Promotion Digital Science and Scienc
35	Disseminated Tuberculosis	97	Pulmonary Emphysema		Premature Birth
	and a second sec	98	Other Diseases of Respiratory System	b	Congenital Debility
36	Rickets		(Tuberculosis Excepted)	152	Other Diseases Peculiar to Early Infancy
37	Syphilis			153	Lack of Care
38	Gonococcus Infection	V-	-DISEASES OF THE DIGESTIVE SYS-		
39	Cancer and other Malignant Tumors of		TEM.	4 4	XII-OLD AGE.
	the Buccal Cavity	pn		154	Senility
40	Cancer and other Malignant Tumors of	99	Diseases of the Mouth and Annexa		
	the Stomach, Liver 3		Diseases of the Pharynx		XIII—EXTERNAL CAUSES.
41	Cancer and other Malignant Tumors of		Septic Sore Throat	155	Suicide by Poison
• •	the Peritoneum, Intestines, Rectum 2	101	Diseases of the Oesophagus	156	Suicide by Acabania
42	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach		Suicide by Asphyxia
72	the Female Genital Organs 1	103	Other Diseases of the Stomach (Cancer	157	Suicide by Hanging or Strangulation
4.7			Excepted) 1	158	Suicide by Drowning.
43	Cancer and other Malignant Tumors of	104	Diarrhoea and Enteritis (under 2 years) 2	159	Suicide by Firearms
	the breast	105	Diarrhoea and Enteritis (2 years and over)	160	Suicide by Cutting or Piercing Instru-
44	Cancer and other Malignant Tumors of	106	Ankylostomiasis		ments
	the skin	107	Intestinal Parasites	161	Sucide by Jumping from a High Place
45	Cancer and other Malignant Tumors of	103		162	Suicide by Crushing.
	other organs and of organs not	103	Appendicitis and Typhlitis	163	Other Suicides
	specified 2		Hernia, Intestinal Obstructions	164	Poisoning by Food
46	Other Tumors (Tumors of the female	110	Other Diseases of the Intestines	165	Other Acute Poisonings
	genital organs excepted)	111	Acute Yellow Atrophy of the Liver	166	Conflagration
47	Acute Articular Rheumatism	112	Hydatid Tumor of the Liver		Burns (Conflagration Excepted)
48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver 1	168	Absorption of Deleterions Commercial
49	Scurvy	114	Biliary Calculi 1	100	Absorption of Deleterious Gases (Con-
50	Diabetes 2	115	Other Diseases of the Liver	100	flagration Excepted)
51	Exophthalmic Goitre	116	Diseases of the Spleen	169	Accidental Drowning
52	Addison's Disease	117	Simple Peritonitis (nonpuerperal) 1	170	Traumatism by Firearms
	Leuchæmia	118	Other Diseases of the Digestive System	171	Traumatism by Cutting or Piercing In-
53			Cancer and Tuberculosis Excepted		struments
54	Anæmia, Chlorosis			172	Traumatism by Fall
55	Lethargic Encephalitis	VI-	NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
56	Alcoholism (Acute or Chronic)		GENITO-URINARY SYSTEM AND	174	Traumatism by Machines
57	Chronic Lead Poisoning		ANNEXA.	175	Traumatism by other Crushing (Vehi-
53	Other Chronic Occupation Poisonings	4.0-			cles, Railroad, Landslides, etc.)
59	Other Chronic Poisonings	119	Acute Nephritis	176	Injuries by Animals
		120	Bright's Disease12	177	Starvation
I-T	DISEASES OF THE NERVOUS SYSTEM	121	Chyluria	178	Excessive Cold
		122	Other Diseases of the Kidneys and	179	Effects of Heat
PA.I	ND OF THE ORGANS OF SPECIAL		Annexa	180	Lightning
	SENSE.	123	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis	124	Diseases of the Bladder.	189	Homicide by Eirearma
61	Simple Meningitis	125	Diseases of the Urethra, Urinary	182	Homicide by Firearms
61a	Cerebrospinal Fever 1		Abscess, etc.	183	Homicide by Cutting or Piercing In-
62	Locomotor Ataxia	126	Diseases of the Prostate	101	struments
	Anterior Poliom-olitic			184	Homicide by other Means
<b>63</b> a	Anterior Poliomyelitis	127	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)
b	Other Diseases of the Spinal Cord	100	tal Organs	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy 1	128	Uterine Haemorrhage (nonpuerperal)		
65	Softening of Brain 2	129	Uterine Tumor (noncancerous)		XIV-ILL DEFINED DISEASES.
66	Paralysis Without Specified Cause	130	Other Diseases of the Uterus		
67	General Paralysis of the Insane	131	Cysts and other Tumors of the Ovary	107	III Defined Organic Disease
68	Other Forms of Mental Alignation	132	Salpingitis and other Diseases of the	188	Sudden Death
69	Epilepsy		Female Genital Organs	189	Cause of Death not Specified or Ill-defined
70	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast		
71	Convulsions of Infants		(Cancer Excented)	7334	OTAL DEADITE

#### DEATHS BY AGES Oak Grove..... City Hospital..... 8 North Burial Ground ...... 7 Males Union Hospital...... 5 St. John's ..... St. Anne's Hospital..... 3 St. Mary's ..... 0 Bay View Hospital \_\_\_\_\_ 2 Under 1 day ...... 7 3 St. Patrick's 1-2 days ...... 3 Highland Rd. Hospital Notre Dame...... 47 St. Mary's (Polish) ...... Truesdale Hospital ...... 3 2-3 days ...... 1 Nwoo Hill \_\_\_\_\_\_3 3 days-1 week ...... 5° Contagious Hospital 2 Our Lady of Light ..... 1-2 weeks ...... 1 City Home..... 0 Agedas Aham 2-3 weeks ..... 0 0 0 Sent away for interment ..... 3 wks-1 month...... 0 0 STILL BIRTHS Brought here for interment \_\_\_\_\_ 29 $\Omega$ 1-2 months...... 3 2 1 Males...... 5 SEX 2-3 months ...... 2 1 Females ..... 2 Male ...... 65 3-6 months...... 5 2 Unknown..... 0 Female...... 66 6-9 months ..... 6 2 Total..... COLOR 9-12 months...... 4 1 White \_\_\_\_\_129 1 year ..... 4 3 1 NATIVITY Colored 2 2 years ..... 0 0 0 Fall River \_\_\_\_\_ 60 3 years ..... 1 CONDITION Massachusetts 8 Married ...... 45 4 years ..... 0 0 Other States \_\_\_\_\_12 Single...... 59 5-9 years..... 3 1 Ireland ...... 7 Widowed ..... 27 10-14 years ...... 2 1 Canada \_\_\_\_\_18 Divorced \_\_\_\_\_ 15-19 years...... 3 1 2 England \_\_\_\_\_12 Unknown.... 20-24 years ...... 5 4 1 Scotland \_\_\_\_\_ 3 There were 160 cases of contagious diseases 25-29 years ...... 4 2 Germany..... reported for May, viz: 30-34 years ..... 4 3 Azores ..... 5 Diphtheria \_\_\_\_\_21 35-39 years.....5 1 Austria ..... Scarlet Fever 20 40-44 years..... 4 3 France ..... Tuberculosis of Lungs 24 45-49 years..... 5 Belgium ..... Tuberculosis, Other Forms. 4 50-54 years..... 4 2 2 Russia Whooping Cough 55-59 years...... 6 3 3 Portugal..... Measles ..... 41 60-64 years ...... 9 6 Italy ......1 Ophthalmia Neonatorum ...... 9 Suppurative Conjunctivitis \_\_\_\_\_2 65-69 years......11 3 8 Poland ..... 70-74 years ......13 9 Syria German Measles ..... 1 75-79 years...... 8 Australia \_\_\_\_\_ Cerebro-Spinal Meningitis...... 1 80-S4 years ...... 1 0 1 Sweden ..... Pneumonia, Lobar ..... 14 85-89 years..... 1 1 Spain ..... Mumps \_\_\_\_\_\_2 Septie Sore Throat 90-94 years...... 1 0 Greece...... 1 Influenza 95-99 years..... 0 0 Nova Scotia Sýphilis \_\_\_\_\_\_1 100+.....0 0 Wales..... Gonorrhea Unknown ..... 0 0 New Brunswick Dog Bite. . . . . . 6 Total......131 65 Unknown ..... Anterior Poliomyelitis..... The following is the number of contagious diseases reported in each ward: DEATHS BY WARDS 1-32; 2-23, 3-14; 4-9; 5-20; 6-30; 7-3; 8-15; 9-14. 22 Estimating the population at 131,358, 131 deaths would give an annual 14 death rate of 11.97 in 1,000. 5 ..... 19 This is 5 less than last month and 12 less than the same month in 1919. 12 7 ..... 3 FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

8 .....

9 .....

26

HOSPITALS

CEMETERIES

#### THE RAT AND BUBONIC PLAGUE

The following summary of important facts relative to the role played by rats in the transmission of Bubonic Plague are of especial interest to us at the present time. This because of recent establishing of several large oil plants with facilities for receiving and discharging the cargoes of oil tankers which will clear from Mexican Ports.

#### Kill the Rat, the Spreader of Plague.

Calling attention to the discovery of bubonic plague in several American and Mexican gulf ports, and renewing his warning regarding the introduction of plague from Mediterranean ports which are known to be infected, Surgeon General Hugh S. Cumming today urged communities throughout the country, and especially along the coast, to inaugurate rat-extermination and rat-proofing campaigns.

'Bubonic plague is primarily a disease of rodents, especially rats", said General Cumming, "and the disease can be controlled effectively by measures directed against the rat. The extermination of rats is all the more to be desired because of the tre-

mendous economic damage they cause."

According to conservative estimates made by the U.S. Public Health Service on the basis of numerous surveys, least one rat for every person in the United States. estimate coincides with that for Great Britain and Ireland, and with authoritative figures for Denmark, France and Germany. The annual up-keep per rodent was computed by the same authorities as \$1.80 in Great Britain, \$1.20 in Denmark, and \$1.00 in France. The depredations of the rats in the United States will very probably exceed the estimate for Great Britain. One-half a cent a day is considered conservative, but even on this computation, it costs the United States \$180,000,000 a year to support its rat population. This does not include mice.
"The U. S. Public Health Service is prepared to detail trained

experts to assist communities in organizing the fight against rats", said General Cumming. "Many of our officers have had extensive practical experience in this work, and know how to make it really effective. In the seaport cities the work extermination should be supplemented by bacteriological laboratory examinations to determine whether or not plague infection is present among the rodents. In the inland cities this is not

now necessary

The U.S. Public Health Service has just published a new bulletin entitled "The Rat. Arguments for its Elimination and Methods for its Destruction." Copies may be obtained by addressing the U. S. Public Health Service, Washington, D. C.
Agent Morriss has written for a supply of "The Rat" and we

expect to have them on hand shortly.

To safeguard the health of our citizens, rules and regulations governing the conditions under which vessels from Mexican ports may enter the harbor and discharge their cargoes have been adopted and the agents of the Oil Companies notified. Assurances have been given us that these gentlemen will cooperate with and assist us in every way possible.

REGULATION AND RULES UNDER WHICH VESSELS ARRIVING FROM MEXICO OR OTHER SOUTHERN PORTS MAY BE PERMITTED TO ENTER THE PORT OF FALL RIVER, MASS.

#### QUARANTINE REGULATION

REGULATION 55. All vessels arriving at this port from any port where Asiatic cholera, yellow fever, typhus fever, small pox or any other contagious disease prevailed at the time of said vessel's sailing therefrom, or having on its arrival, or having had during its voyage any of said diseases on board, shall anchor southerly from the "Light House on Borden Flats," and not less than two thousand feet westerly from the easterly shore of Mount Hope Bay, at quarantine, and remain there until examined by the City Physician, and pending such examination no person shall be permitted to visit or go on board such vessel, except under the direction of the Board of Health. Such vessels shall only be allowed to come up to the city after such examination, and upon the certificate of said physician that in his opinion the health of the city would not be endangered thereby. The penalty for any violation of this regulation shall be a fine of one hundred dollars.

DETAILED RULES FOR THE GUIDANCE OF MASTERS OF VESSELS. HARBOR MASTER AND PORT PHYSICIANS

Owing to the prevalence of Bubonic Plague in Mexico and other southern countries, the following rules for the entry of vessels coming from such ports will have to be complied with,

until otherwise ordered -

Unless the master holds a clean bill of health from the American Consul or Vice-Consul at the port of departure and is prepared to sign a certificate under oath that no case of sickness has appeared on board his vessel since clearing port up to the time of its arrival here, he will have to anchor at quarantine in accordance with the quarantine regulation above. If, however, the master of the vessel holds a clean bill of health from the American Consul or Vice-Consul at the port of departure and is prepared to furnish a sworn statement that no case of sickness has occurred on his vessel since clearing from said port, he may be permitted to dock under the following conditions:

The vessel shall be kept sufficiently clear of the landing to prevent rats from coming ashore and all ropes or cables which the vessel is attached to the wharf shall be guarded by tar balls or special traps to prevent rats from getting ashore in this way, and while the gang plank is out a watchman shall be constantly stationed to guard against the entrance of rats.

No member of the crew or passenger may be permitted to come ashore nor shall any person, except the Agent or Secretary of the Health Department be allowed to go aboard until after such Health official has visited the vessel and received the American Consul's or Vice-Consul's clean bill of health and obtained the captain's certificate, as above specified and given permission in writing for the entry of the vessel.

If there are any cats or dogs, or other domestic animals on board, they must not be permitted to leave the vessel while in

this port.

This mode of procedure will also have to be followed by a vessel compelled to anchor in quarantine because of having sickness on board or because of not having a clean bill of health from the American Consul or Vice-Consul at the port of departure when, after examination and report by the port physician, to the Health Department, such vessel will be released from quarantine and given a permit to come into the harbor, dock, enter and discharge cargo subject to the United States Custom and Navigation Laws.

In case of the arrival of a vessel at any time outside of Health Department office hours, the agent of the consignees may, if necessary, communicate with any of the following telephone numbers in the order named for any information desired.

#### TELEPHONE NUMBERS

Samuel B. Morriss, Agent, Board of Health Office, 397. Residence, 3035. Frank L. Larkin, Secretary, Board of Health Office, 3239. Residence, 429-R. SAMUEL B. MORRISS, Agent, Board of Health.

Co	ONT	AGI	OUS	SH	OSP	ITA	LI	REP	ORT	F	OR M	IAY,	, 192	20			
	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Diphtheria	Dog Bite	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measle	Typhoid Fever	Whooping Cough	Gonorrhea	Syphillis	Suppurative Conjunctivitis	Fotal
Patients admitted		2	1	9	10110			. dayste	900 00	3	11000	*****			*****	*****	15
Termination { Recover	y	1	*****	4		****		****	*****	4	****	no 0000	*****		*****	****	. 9
Death	****	1	*****	1	*****	*****			****	***	****		*****	04-00		*****	2
TOTAL	CASES	OF	COI	NTA	GIOU	JS D	ISEA	ASES	IN T	HE	CITY	FOR	MA	Y, 1	1920.		
Cases reported	*****	1	7	21	6	41	2	9	14	20	1	5	*****	2	1	2	132
Deaths	*****	1	0-18-0-0	2	*****	0.001		0.000	2	*****	*****	****	*****	****	00000	****	5



Hall River, Mass.

## MONTHLY BULLETIN

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VOL. IV. JULY, 1920. NO. 7

## Mortality for the Month of June, 1920.

	I-GENERAL DISEASES.	72	Chorea	1	VII—THE PUERPERAL STATE
		73	Neuralgia and Neuritis	134	
1	Typhoid Fever	74	Other Diseases of Nervous System	135	Accidents of Pregnancy Puerperal Haemorrhage
2	Typhus Fever	75	Diseases of the Eyes and their Annexa	136	Other Accidents of Labor
3	Relapsing Fever	76	Diseases of the Ears	137	Puerperal Septicamia
4	Malaria			138	Puerperal Albuminuria and Convulsions.
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9	Diphtheria and Croup 2	79	Organic Diseases of Heart 12	141	Puerperal Diseases of the Breast
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a	Mumps	777		146	Diseases of the Bones (Tuberculosis
20	Purulent Infection and Septicæmia 2	1 V	DISEASES OF THE RESPIRATORY	170	**
21	Glanders		SYSTEM.	147	Diseases of the Leints (Tuberculevis and
22	Anthrax	86	Diseases of Nasal Fossae	147	Diseases of the Joints (Tuberculosis and
23	Rabies	87	Diseases of Larynx	148	Rheumatism Excepted)
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32	White Swellings	95	Gangrene of the Lung	151	Congenital Debility Icterus and Sclerema
33	Tuberculosis of other Organs	96	Asthma	a	Premature Birth
34	Disseminated Tuberculosis	97	Pulmonary Emphysema	b	Congenital Debility
35	Rickets	98	Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy 4
36 37	Syphilis		(Tuberculosis Excepted)	153	Lack of Care
38	Gonococcus Infection	V	DISEASES OF THE DIGESTIVE SYS-		
39	Cancer and other Malignant Tumors of	•	TEM.		XII-OLD AGE.
0.5	the Buccal Cavity 1		_	154.	Senility2
40	Cancer and other Malignant Tumors of	99	Diseases of the Mouth and Annexa		VIII DUMEDNIA GARGOO
30	the Stomach, Liver 2		Diseases of the Pharynx		XIII-EXTERNAL CAUSES.
41	Cancer and other Malignant Tumors of		Septic Sore Throat	155	Suicide by Poison
21	the Peritoneum, Intestines, Rectum 2	101	Diseases of the Oesophagus	156	Suicide by Asphyxia
42	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	157	Suicide by Hanging or Strangulation 1
	the Female Genital Organs 4	103	Other Diseases of the Stomach (Cancer	158	Suicide by Drowning 1
43	Cancer and other Malignant Tumors of	101	Excepted)	159	Suicide by Firearms
	the breast	104	Diarrhoea and Enteritis (under 2 years) 7	160	Suicide by Cutting or Piercing Instru-
44	Cancer and other Malignant Tumors of	105	Diarrhoea and Enteritis (2 years and over)		ments.
	the skin	106	Ankylostomiasis	161	Sucide by Jumping from a High Place
45	Cancer and other Malignant Tumors of	107	Intestinal Parasites	162	Suicide by Crushing.
	other organs and of organs not	108 109	Appendicitis and Typhlitis 1 Hernia, Intestinal Obstructions 1	163	Other Suicides
	specified		Other Diseases of the Intestines	164	Poisoning by Food
46	Other Tumors (Tumors of the female	110		165	Other Acute Poisonings
	genital organs excepted)	112	Acute Vellow Atrophy of the Liver	166	Conflagration
47	Acute Articular Rheumatism	113	Cirrhosis of the Liver	167	Burns (Conflagration Excepted) 1
48	Chronic Rheumatism and Gout	114	Biliary Calculi	168	Absorption of Deleterious Gases (Con-
49	Scurvy	115	Other Diseases of the Liver	1.00	flagration Excepted)
50	Diabetes	116	Diseases of the Spleen	169	Accidental Drowning
51	Exophthalmic Goitre	117	Simple Peritonitis (nonpuerperal)	170 171	Traumatism by Firearms
52	Leuchæmia	118	Other Diseases of the Digestive System	171	Traumatism by Cutting or Piercing In- struments
53 54	Anæmia, Chlorosis		Cancer and Tuberculosis Excepted	172	Traumatism by Fall
	Lethargic Encephalitis	377	MONVENEDEAL DISEASES OF THE	173	Traumatism in Mines and Quarries
<b>5</b> 5	Alcoholism (Acute or Chronic)	A I	NONVENEREAL DISEASES OF THE	174	Traumatism by Machines
57	Chronic Lead Poisoning		GENITO-URINARY SYSTEM AND	175	Traumatism by other Crushing (Vehi-
58	Other Chronic Occupation Poisonings		ANNEXA.		cles, Railroad, Landslides, etc.) 1
59	Other Chronic Poisonings	119	Acute Nephritis 1	176	Injuries by Animals
		120	Bright's Disease10	177	Starvation
T-T	ISEASES OF THE NERVOUS SYSTEM	121	Chyluria	178	Excessive Cold
		122	Other Diseases of the Kidneys and	179	Effects of Heat
PAI	ID OF THE ORGANS OF SPECIAL		Annexa	180	Lightning
	SENSE.	123	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis	124	Diseases of the Bladder	132	Homicide by Firearms
61	Simple Meningitis	125	Diseases of the Urethra, Urinary	183	Homicide by Cutting or Piercing In-
61a	Cerebrospinal Fever	100	Abscess, etc.	4	struments
62	Locomotor Ataxia	126	Diseases of the Prostate	184	Homicide by other Means
<b>63</b> a	Anterior Poliomyelitis	127	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)
ь	Other Diseases of the Spinal Cord	100	Uterine Haamorrhage (nonnuerperal)	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy 2	128	Uterine Haemorrhage (nonpuerperal)		XIV-ILL DEFINED DISEASES.
65	Softening of Brain	129	Other Diseases of the Uterus		
66	Paralysis Without Specified Cause	130 131	Cysts and other Tumors of the Ovary 1	187	Ill Defined Organic Disease
67	General Paralysis of the Insane 2	132	Salpingitis and other Diseases of the	188	Sudden Death
68	Other Forms of Mental Alienation	102	Female Gental Organs	189	Cause of Death not Specified or Ill-defined 4
69	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast		
70	Convulsions of Infants	-00	(Cancer Excented)	7	COTAL DEATHS 125

#### CEMETERIES HOSPITALS DEATHS BY AGES Oak Grove \_\_\_\_\_\_22 City Hospital......13 North Burial Ground ...... 6 Union Hospital...... 6 St. John's ...... 7 St. Anne's Hospital 8 St. Mary's ..... 0 Bay View Hospital..... Under 1 day ...... 6 St. Patrick's ...... 28 1-2 days ...... 1 Highland Rd. Hospital Nwoo Hill \_\_\_\_\_1 2-3 days ...... 2 Truesdale Hospital ....... 3 Our Lady of Light ..... 1 Contagious Hospital 3 days-1 week ...... 2 Agedas Aham City Home 2 1 Sent away for interment ..... 2-3 weeks ...... 2 Brought here for interment ...... 21 3 wks-1 month...... 0 STILL BIRTHS St. Ann's Church Vault 1 1 Males...... 9 SEX 2-3 months ...... 3 Females ...... 5 Male ...... 66 3-6 months...... 1 0 Unknown..... 0 Female \_\_\_\_\_ 59 0 Total\_\_\_\_\_14 COLOR 9-12 months...... 0 0 White......125 1 year ..... 4 2 NATIVITY Colored 0 2 years ..... 3 0 Fall River \_\_\_\_\_ 47 CONDITION 3 years ...... 1 0 Massachusetts 8 Married \_\_\_\_\_45 4 years ...... 1 Other States ...... 6 5-9 years..... 3 2 Ireland \_\_\_\_\_11 Widowed ...... 25 10-14 years ...... 2 Canada 20 Divorced ..... 15-19 years...... 1 England ......11 Unknown 20-24 years ...... 4 Scotland ...... 3 There were 152 cases of contagious diseases 25-29 years ...... 8 Germany..... 1 reported for June, viz: 30-34 years ...... 3 Azores .....11 Diphtheria \_\_\_\_\_12 35-39 years ...... 3 3 Scarlet Fever 8 Austria ..... 1 40-44 years 3 Typhoid Fever 11 3 France ...... 1 Tuberculosis of Lungs 20 Belgium ..... Tuberculosis, Other Forms. ...... 3 50-54 years...... 7 3 Russia Whooping Cough..... 4 55-59 years...... 9 4 5 Portugal 2 Measles 65 60-64 years ...... 8 Italy \_\_\_\_\_1 Ophthalmia Neonatorum ...... 4 6 Suppurative Conjunctivitis \_\_\_\_\_6 Poland \_\_\_\_\_ Chicken Pox 3 70-74 years......10 7 Syria ..... German Measles 75-79 years ...... 4 Australia ..... Cerebro-Spinal Meningitis..... 80-84 years ...... 5 Sweden ..... Pneumonia, Lobar 85-89 years 2 2 0Spain ..... Mumps 2 Septic Sore Throat 90-94 years..... 0 Greece Influenza..... 95-99 years..... 0 0 0 Nova Scotia Syphilis \_\_\_\_\_2 100+.....0 Wales..... Gonorrhea..... Unknown ..... 0 New Brunswick Dog Bite. Anterior Poliomyelitis..... Total......125 68 Unknown ...... The following is the number of contagious diseases reported in each ward: DEATHS BY WARDS 1-34; 2-39, 3-16; 4-13; 5-8; 6-16; 7-3; 8-6; 9-17. 24 1 ..... 2 ..... 13 Estimating the population at 131,358, 125 deaths would give an annual 3 ..... 8 4 ..... death rate of 11.42 in 1,000. 5 ..... This is 6 less than last month and 8 more than the same month in 1919.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

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#### DEATH CERTIFICATES.

The following extracts from the Revised Laws of Massachusetts and Rules of Practice are called to the attention of the physicians of Fall River. We recently have had to refuse to honor several certificates signed by practising physicians as the deaths certified to were from causes which required that an investigation be made by the Medical Examiner. In at least one of the cases, the attending physician had so delayed signing the certificate that it was brought to the office only a short time before the proposed hour of the funeral services. The results in these cases were the holding up of the funerals, causing inconvenience to the families of the deceased and to the undertakers. Physicians are requested to cooperate with this office by carefully noting, before signing a certificate of death, that they are complying with Rule One and then signing "forthwith":

A physician shall forthwith, after the death of a person whom he has attended during his last illness, at the request of an undertaker or other authorized person or of any member of the family of the deceased, furnish for registration a standard certificate of death, stating to the best of his knowledge and belief the name of the deceased, his supposed age, the disease of which he died (defined so that it can be classified under the international classification of causes of death), where contracted the duration of his last illness, when last seen alive by the physician, and the date of his death................................... Revised Laws, Chap. 29, Secs. 10 and 1, as amended by Acts of 1910, Chap. 322.

#### RULES OF PRACTICE.

The fulfilment of the purpose of these laws [laws governing the return of certificates of death] calls for the observance of the following rules of practice:

(1) Attending physicians will certify to such deaths only as those of persons to whom they have given bedside care during a last illness from disease unrelated to any form of injury.

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(3) Medical examiners will investigate and certify to all deaths supposably due to injury. These include not only deaths caused directly or indirectly by traumatism (including resulting septicemia), and by the action of chemical (drugs or poisons), thermal, or electrical agents, and deaths following abortion, but also deaths from disease resulting from injury or infection related to occupation, the sudden deaths of persons not disabled by recognized disease, and those of persons found dead.

#### MILK CAMPAIGNS.

The health department of a city has a dual function in regard to the milk supply. First, it must see that the public is protected from impure milk and milk deficient in food value; and second, it should do its utmost to make sure that an abundance of milk is produced and consumed.

Scientific investigations have proved conclusively that milk is a vital necessity for all communities. Community health and child welfare depend to a great extent upon a plentiful supply of pure milk, Drs. Goldberger, McCollum and others have shown that milk is the most important factor in preventing malnutrition and certain diseases due to faulty nutrition.

It is then, a logical function of the health department to promote a greater consumption of milk. The Dairy Division of the U.S. Department of Agriculture is cooperating in such campaigns, and the results so far have been remarkable. Experts of the Division cooperate with the extension departments of the State agricultural colleges in organizing the work and securing the aid of local boards of health, boards of education, chambers of commerce, welfare societies and similar bodies. The work consists of child-feeding demonstrations, lectures, published material, etc. Special work is done in schools, homes, and factories.

About 35 campaigns have so far been conducted in this manner, covering the country from Boston to Seattle. Cities having an aggregate population of over 5,000,000 have had milk campaigns lasting from one to two weeks. Careful reports show that these cities have increased their milk consumption about 16 per cent since the beginning of the campaigns. The record city had a 50 per cent increase.

Upon the adoption a few months ago of amendments to our Milk Regulations establishing grades of milk etc., the Board of Health felt that on account of the increased cleanliness and safety of the milk produced that it would be warranted in educating the people of Fall River to use more milk. With the cooperation of the Dairy Division of the United States Department of Agriculture such a campaign should be very successful. This cooperation will be requested and a campaign launched as early as possible after the amended regulations are put in force.

С	ONT	AGI	OU	S HO	OSP	ITA	L F	REPO	ORT	· F	OR JI	UNE	E, 19	920				
	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Diphtheria	Dog Bite	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Whooping Cough	Gonorrhea	Syphillis	Suppurative Conjunctivitis		[ota]
Patients admitted	****	*****	*****	2		****	*****	*****	bas 00	1	*****	*****			*****	.,	00000	3
Termination { Recover	у	****	****	6	****		*****	990.90	****	1	****	******	*****	*****	*****	*****		7
Death			*****	*****			****	****	*****		••••	*****		*****	*****	****		
TOTAL	CASES	OF	CO	NTAC	GIOU	JS D	ISEA	ASES	IN T	HE	CITY	FOR	R JUI	NE.	1920			
Cases reported	0,000	64400	3	12	1	65	2	4	9	8	1	11	4	2	2	6		127
Deaths	00000	******	*****	2		*****	*****	4	1	****	****	*****	1		1	000mm	****	5



Fall River, Mass.

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## MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

VOL. V. AUGUST, 1920. NO. 8

# Mortality for the Month of July, 1920.

	After the Bertillon Classific	ation o	of Causes of Deaths, Second International Dec	cenni	al Revision, Paris, 1909.
	I-GENERAL DISEASES.	72	Chorea		VII—THE PUERPERAL STATE
		73		13	
2	Typhoid Fever	74	Other Diseases of Nervous System 1	13	9
3	Typhus Fever	75	Diseases of the Eyes and their Annexa	13	
4	Relapsing Fever	76	Diseases of the Ears	13	
5	Malaria	777		13	
6	Smallpox	111.	-DISEASES OF THE CIRCULATORY	13	1
7	Measles Scarlet Fever 1		SYSTEM.		bolus, Sudden Death
8	Whooping Cough	77	Pericarditis	140	
9	Diphtheria and Croup.	78	Acute Endocarditis		fined)
10	Influenza	7.9	Organic Diseases of Heart 15	141	
11	Miliary Fever	80	Angina Pectoris	VI	II-DISEASES OF THE SKIN AND OF
12	Asiatic Cholera	81	Diseases of the Arteries, Atheroma,	"	
13	Cholera Nostras	00	Aneurysm, etc	1 440	THE CELLULAR TISSUE.
14	Dysentery 1	82	Embolism and Thrombosis 3 Diseases of Veins (varices, haemorrhoids,	142	_ 0
15	Plague	00	phlebitis, etc)	143	
16	Yellow Fever	84	Diseases of Lymphatic System (Lymphan-	145	
17	Leprosy	0.1	gitis, etc	1.10	Other Diseases of the Skin and Annexa
18	Erysipelas	85	Haemorrhage; Other Diseases of the	IX.	-DISEASES OF THE BONES AND OF
19 a	Other Epidemic Diseases		Circulatory System		THE ORGANS OF LOCOMOTION.
20	Purulent Infection and Septicæmia	137		146	Diseases of the Bones (Tuberculosis
21	Glanders	10-	-DISEASES OF THE RESPIRATORY	140	
22	Anthrax		SYSTEM.	147	Diseases of the Joints (Tuberculosis and
23	Rabies	86	Diseases of Nasal Fossae		Rheumatism Excepted)
24	Tetanus 1	87	Diseases of Larynx	148	Amputations
25	Mycoses	88	Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-
26	Péllagra	89	Acute Bronchitis		motion
27	Beriberi	90	Chronic Bronchitis		X-MALFORMATIONS.
28	Tuberculosis of the Lungs	92	Bronchopneumonia	150	
29	Acute Miliary Tuberculosis	93	Pleurisy	150	Congenital Malformation (Still births
30	Tuberculous Meningitis	94	Pulmonary Congestion, Pulmonary		not Included) 2
31	Abdominal Tuberculosis 1 Pott's Disease		Apoplexy	2	II-DISEASES OF EARLY INFANCY.
32 33	White Swellings	95	Gangrene of the Lung	151	Congenital Debility Icterus and Sclerema
34	Tuberculosis of other Organs	96	Asthma		a Premature Birth
35	Disseminated Tuberculosis	97	Pulmonary Emphysema		b Congenital Debility
36	Rickets	98	Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy 3
37	Syphilis 1		(Tuberculosis Excepted)	153	Lack of Care
38	Gonococcus Infection	V-	-DISEASES OF THE DIGESTIVE SYS-		
39	Cancer and other Malignant Tumors of		TEM.	154	XII-OLD AGE.
	the Buccal Cavity	99	Diseases of the Mouth and Annexa	154	Senility
40	Cancer and other Malignant Tumors of	100a			XIII-EXTERNAL CAUSES.
4.1	the Stomach, Liver		Septic Sore Throat	155	
41	the Peritoneum, Intestines, Rectum 2	101	Diseases of the Oesophagus	155 156	Suicide by Poison 1
42	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	157	Suicide by Asphyxia
2 20	the Female Genital Organs 3	103	Other Diseases of the Stomach (Cancer	158	Suicide by Drowning
43	Cancer and other Malignant Tumors of	104	Excepted)	159	Suicide by Firearms
	the breast	104	Diarrhoea and Enteritis (under 2 years)11	160	Suicide by Cutting or Piercing Instru-
44	Cancer and other Malignant Tumors of	105	Diarrhoea and Enteritis (2 years and over) 3		ments
	the skin	107	Ankylostomiasis Intestinal Parasites	161	Sucide by Jumping from a High Place
45	Cancer and other Malignant Tumors of	108	Appendicitis and Typhlitis	162	Suicide by Crushing.
	other organs and of organs not	109	Hernia, Intestinal Obstructions 1	163	Other Suicides
A C	Specified	110	Other Diseases of the Intestines	164	Poisoning by Food
46	genital organs excepted)	111	Acute Yellow Atrophy of the Liver	165	Other Acute Poisonings
47	Acute Articular Rheumatism 1	112	Hydatid Tumor of the Liver	167	ConflagrationBurns (Conflagration Excepted)
48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	168	Absorption of Deleterious Gases (Con-
49	Scurvy	114	Biliary Calculi	200	flagration Excepted)
50	Diabetes 1	115	Other Diseases of the Liver	169	Accidental Drowning 1
51	Exophthalmic Goitre	116 117	Diseases of the Spleen	170	Traumatism by Firearms
52	Addison's Disease	118	Simple Peritonitis (nonpuerperal) Other Diseases of the Digestive System	171	Traumatism by Cutting or Piercing In-
53	Leuchæmia Chlorosia	110	Cancer and Tuberculosis Excepted		struments
54 55	Anæmia, Chlorosis	777		172	Traumatism by Fall 1
56	Alcoholism (Acute or Chronic)	V1	NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
57	Chronic Lead Poisoning.		GENITO-URINARY SYSTEM AND	175	Traumatism by Machines
58	Other Chronic Occupation Poisonings		ANNEXA.	110	cles, Railroad, Landslides, etc.)
59	Other Chronic Poisonings	119	Acute Nephritis	176	Injuries by Animals
		120	Bright's Disease	177	Starvation
I-D	ISEASES OF THE NERVOUS SYSTEM	121	Chyluria.	178	Excessive Cold
AN	D OF THE ORGANS OF SPECIAL	122	Other Diseases of the Kidneys and	179	Effects of Heat
	SENSE.	123	AnnexaCalculi of the Urinary Passages	180	Lightning
60	Encephalitis	124	Diseases of the Bladder.	181	Homicide by Firearms
61	Simple Meningitis 2	125	Diseases of the Urethra, Urinary	183	Homicide by Cutting or Piercing In-
61a	Cerebrospinal Fever 1		Abscess, etc.	X (10)	struments
62	Locomotor Ataxia	126	Diseases of the Prostate	184	Homicide by other Means
<b>63</b> a	Anterior Poliomyelitis	127	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)
b	Other Diseases of the Spinal Cord	100	tal Organs	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy 4	128 129	Uterine Haemorrhage (nonpuerperal)		VIV II DEFINED DICEACEC
65 66	Softening of Brain 1 Paralysis Without Specified Cause 1	130	Other Diseases of the Uterus		XIV-ILL DEFINED DISEASES.
66 <b>6</b> 7	General Paralysis of the Insane	131	Cysts and other Tumors of the Ovary	187	Ill Defined Organic Disease
68	Other Forms of Mental Alienation	132	Salpingitis and other Diseases of the	188	Sudden Death not Specified or III defined 1
69	Epilepsy		Female Genital Organs	189	Cause of Death not Specified or Ill-defined 1
70	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast		CONCENT A TANK A CONTRACT
71	Convulsions of Infants		(Cancer Excepted)		TOTAL DEATHS 110

#### DEATHS BY AGES

	Total	Males	Female
Under 1 day	6	3	3
1-2 days	1	0	1
2-3 days	2	1	1
3 days-1week	0	0	0
1-2 weeks	0	0	0
2-3 weeks	1	1	0
3 wks-1 month	1	3	-0
1-2 months	2	1	1
2-3 months	2	2	0
3-6 months	2	1	1
6-9 months	6	6	0
9-12 months	0	0	0
i year	3	3	0
2 years	0	0	0
3 years	0	0	0
4 years	3	3	0
5-9 years	5	1	4
10-14 years	6	2	4
15-19 years	7	3	4
20-24 years	3	0	3
25-29 years	3	1	2
30-34 years	5	1	4
35-39 years	9	5	4
40-44 years	6	2	4
45-49 years	4	2	2
50-54 years	6	5	1
55-59 years	4	3	1
60-64 years	5	5	0
65-69 years	7	4	3
70-74 years	8	5	3
75-79 years	0	0	0
80-84 years	3	1	2
85-89 years	0	0	()
90-94 years	0	0	0
95-99 years.	0	0	0
100+	0	0	0
Unknown	0	0	0
Total1	10	62	48

#### DEATHS BY WARDS

1	15
2	9
3	1()
4	7
5	4
6	17
7	5
8	30
9	13

#### HOSPITALS

City Hospital	
Union Hospital 1	[ ]
St. Anne's Hospital	6
Bay View Hospital	4
Highland Rd. Hospital	
Truesdale Hospital	1
Contagious Hospital	6
City Home	1
2011 1 71701110	

#### STILL BIRTHS

Males	4
Females	6
Unknown	0
Total	10

#### NATIVITY

Fall River	51
Massachusetts	(
Other States	1(
Ireland	‡
Canada	8
England	1
Scotland	6
Germany	
Azores	
Austria	
France	w h d d d d d
Belgium	
Russia	
Portugal	
Italy	
Poland	
Syria	
Australia	
Sweden	

Spain .....

Greece.

Nova Scotia

Wales

Unknown ...... 3

New Brunswick

#### CEMETERIES

Oak Grove	.19
North Burial Ground	. 6
St. John's	. 4
St. Mary's	. 1
St. Patrick's	30
Notre Dame	41
Nwoo Hill	. 1
Our Lady of Light	. 1
Agedas Aham	
St. Mary's (Polish)	. 1
Sent away for interment	
Brought here for interment	
And the state of t	MANAGEMENT AND ADDRESS OF THE PARTY AND ADDRES
SEX	
Male	62

### Female...... 48

### COLOR White ......110 Colored 0

### CONDITION

Married	42
Single	56
Widowed	10
Divorced	
Unknown	
133	

There were 113 cases of contagious diseases reported for July, viz: Diphtheria ......12

Typhoid Fever 7 Tuberculosis of Lungs 23 Tuberculosis, Other Forms. 4 Whooping Cough. 9 Measles 31 Ophthalmia Neonatorum \_\_\_\_\_6 Suppurative Conjunctivitis \_\_\_\_\_1 Chicken Pox 9 Dysentery, Amebic \_\_\_\_\_ 1

Cerebro-Spinal Meningitis 1 Pneumonia, Lobar \_\_\_\_\_\_\_\_3 Mumps 1 Septic Sore Throat Influenza Gonorrhea .....

Anterior Poliomyelitis....

The following is the number of contagious diseases reported in each ward: 1-15; 2-25, 3-13; 4-6; 5-14; 6-15; 7-3; 8-12; 9-10.

Tetanus . . ..

Estimating the population at 131,358, 110 deaths would give an annual death rate of 10.05 in 1,000.

This is 15 less than last month and 22 less than the same month in 1919.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

### TUBERCULOSIS

Dr. Louis I. Dublin, Statistician of the Metropolitan Life Insurance Company, in the August number of the company's statistical bulletin, comments on the very low tuberculosis mortality for the first six months of 1920. He finds that Pulmonary Tuberculosis during this period had the lowest death rate ever recorded for usual wage earners. The following table will show that our experience for this period has also been gratifying:

	CASES				
Jan, Feb, March April May June	1919 35 24 36 23 23 32	1920 18 17 18 17 24 20	Jan. Feb. March April May June	1919 20 5 11 14 14 8	1920 10 8 12 6 13 7
	173	114		72	56

Among the causes which Dr. Dublin believes responsible for the low tuberculosis death rate are the educational campaign for personal hygiene with especial reference to the prevention of tuberculosis and the efforts of the tuberculosis movement to insure early recognition of incipient cases and the efficient treatment of the same.

The Board of Health employs a diagnostician and a nurse whose duty it is to instruct patients and their family in personal hygiene and also to examine all the members of a family where a report of pulmonary tuberculosis has been received. The following pages from the diagnostician's records of visits show the nature of this work:

No. 1. Patient J. B., age 38, examined Jan. 18, 1919, and found to be suffering with pulmonary tuberculosis moderately advanced. Patient, wife and three children were living in a small, poorly ventilated home of three rooms which were not over clean. Wife seemed to be a poor housekeeper, not tidy, and the patient very careless spitting about promiscuously. Patient was advised to enter Bay View Hospital, and did so on Jan. 18, 1919. After a stay of five weeks he absconded, and gave his reason for leaving hospital that he was very lonesome. The Board of Health nurse and physician kept in touch with this patient, calling weekly. We encouraged the wife to be more cleanly about her home, the patient was kept supplied with sputum cups and was made comfortable in every way possible. On May 24, 1920, patient was again induced to enter Bay View Hospital, but after a stay of three days he again left, saying he was too lonesome. Patient became rapidly worse about this time and died at his home, August 26, 1920.

No. 2. Patient D. C., aged 61, examined Feb. 10, 1917, and found to be suffering from pulmonary tuberculosis. Patient living with a friend, as he is without a home until he enters a Sanatorium. Feb. 14, 1917, patient was sent to Leeds Sanatorium. May 8, 1917, the patient found at home. Had been asked to do light work at the Sanatorium, and refused. Was therefore discharged. Condition improved. June 2, 1917, the patient could not be located. Jan. 1, 1918, the patient called at

the Board of Health, asking aid. Examination showed disease active, and patient was placed in a boarding house pending admission to the hospital. Jan. 25, 1918, found that the patient is out every day, but is not very careful. Feb. 1, 1918, patient was feeling very good and was careful. Feb. 11, 1918, patient feeling very good and was stronger, and on Feb. 20, 1918, was found to be the same. March 1, March 11. March 20, March 28, April 5, April 12, April 19, May 3, May 17, June 6, 1918, the patient's condition was found to be good and that he was careful, and was going out every day. June 16, July 3, July 13, July 23, 1918, the patient was found to be drinking. Condition good, but careless in his habits. Aug. 1, Sept. 4, 1918, patient's condition was good and he was careful. Sept. 14, Sept. 29, Oct. 7, 1918, patient's condition was good, but he was careless and drinking. Oct. 17, 1918, patient was sent to jail for drunkenness. Nov. 1, 1918, condition of patient was improved, careful, and was at a boarding house. Nov. 13, Nov. 26, Dec. 9, Dec. 19, 1918, patient's condition was good and he was careful. Dec. 29, 1918, condition good, but was drinking. Jan. 10, Jan. 20, Jan. 28, 1919, patient's condition was very good and careful. Feb. 7, 1919, was found to be drinking, but condition good. Feb. 16, Feb. 26, 1919, careful and condition good. March 6, 17, 29, 1919, condition good, out every day, drinking. April 10, 21, May 3, 13, 24, June 8, 18, 28 and July 9, 1919, patient's condition good, careful, and going out every day. July 26, 1919, patient entered Bay View Hospital, and on Aug. 10, 1919, absconded from the hospital. Sept. 1, 1919, patient was not at old address, was drinking and careless. Sept. 10, 1919, patient drinking and careless. Sept. 10, 1919, patient drinking and careless. Sept. 19, 1919, patient sober and clean, and also the same on Sept. 28, 1919. Oct. 6, 16 and 25, the patient was found to be unclean, drinking, careless, but condition good. Nov. 2, 14, 26, Dec. 7, 18, 29, 1919, Jan. 11, 23, Feb. 5,

No. 3. Patient A. F., female, age 13, was examined on Nov. 29, 1918, at the request of patient's physician, and after a careful examination was pronounced tubercular and classified as an advanced case. Patient entered Bay View Hospital Oct. 30, 1918, and on Jan. 27, 1920, patient was transferred to Westfield State Sanatorium. Condition on discharge much improved. On June 28, 1920, patient was discharged from Westfield, as the disease was apparently arrested. This patient will be continued on our visiting list for at least two years and will receive frequent examination, and in this way we will keep in close touch with her.

No. 4. Patient M. D., female, aged 14, examined on March 23, 1918, was found to be suffering with pulmonary tuberculosis. Patient's mother, father, brother and sister lived in home of four rooms which were clean and tidy. Will sleep alone and observe precautions. Application filed for Sanatoria. April 24, 1918, condition very good. May 19, 1918, patient was sent to Westfield Sanatorium. June 26, 1919, patient came home, as disease was apparently arrested. July 30, Sept. 16, Nov. 5, 1919, Jan. 17, March 20, May 26, Aug. 4, 1920, condition of patient was found to be good.

C	ONT	AGI	OUS	SH	OSP	ITA	L	REP	ORT	F	OR J	ULY	7, 19	20				
	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Diphtheria	Dog Bite	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia Lobar)	Scarlet Fever	Jerman Measle	Fyphoid Fever	Whooping	Jonorrhea	yphillis	uppurative Jonjunctivitis		[otal
Patients admitted		1	1	1			1			2	·					35 0	****	6
Termination { Recove Death	гу	*****	1	2		****	1	****	******	3	******	****		*****	****	****		7
( Death		1						****	1-030	1	*****	*****		**-	*****	*****		2
TOTAL	CASES	S OF	CO	NTA	GIO	US D	ISEA	ASES	IN T	HE	CITY	FO	R JUI	LY,	1920.			
Cases reported	****	1	9	12	40200	. 31	1	6	3	3	p200h	7	9	*****	*****	1		83
Deaths		*****	*****	2		*****		bando	1				1		1 -			5



Hall River, Mass.

Contract to the state of the state of

## MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

VOL.V. SEPTEMBER, 1920. NO. 9

# Mortality for the Month of August, 1920.

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7	Typhoid Fever	74 Other Diseases of Nervous System 1	135 Puerperal Haemorrhage
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58 59	Other Chronic Poisonings	119 Acute Nephritis 1	176 Injuries by Animals
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66	Paralysis Without Specified Cause 1	130 Other Diseases of the Uterus	187 Ill Defined Organic Disease
67	General Paralysis of the Insane	131 Cysts and other Tumors of the Ovary	188 Sudden Death
68	Other Forms of Mental Alienation	132 Salpingitis and other Diseases of the	189 Cause of Death not Specified or Ill-defined
69	Convulsions (nonpuerperal)	Female Genital Organs	
70 71	Convulsions (nonpuerperal)	(Canger Excepted)	TOTAL DEATHS 144
71	Conversions of Infants	, , , , , , , , , , , , , , , , , , , ,	

#### DEATHS BY AGES

	Fotal	Males	Femal
Under 1 day	8	4	4
1-2 days	2	2	0
2-3 days	1	0	1
3 days-1 week	1	1	0
1-2 weeks	1	0	1
2-3 weeks	2	2	0
3 wks-1 month	1	0	3
1-2 months	9	5	4
2-3 months	2	2	0
3-6 months	lõ	8	7
6-9 months	5	4	1
9-12 months	8	4	4
i year	4	3	1
2 years	0	0	0
3 years	2	2	0
4 years	0	0	0
5-9 years	4	2	2
10-14 years	4	8	1
15-19 years	0	0	0
20-24 years	1	0	1
25-29 years	2	2	0
30-34 years	4	4	0
35-39 years	4	2	2
10-44 years	8	4	4
45-49 years	6	4	2
50-54 years	7	2	5
55-59 years	7	4	3
60-64 years	8	7	1
65-69 years	4	1	3
70-74 years	8	4	4
75-79 years	4	0	4
80-84 years	7	3	4
85-89 years	4	4	0
90-94 years	1	0	1
95-99 years	0	0	0
100+	0	0	0
Unknown	0	0	0
Total1	44	83	61

#### DEATHS BY WARDS

1	25
2	20
3	23
4	8
5	10
6	15
7	2
8	31
9	10

#### HOSPITALS

City Hospital	LA
Union Hospital	8
St. Anne's Hospital	4
Bay View Hospital	4
Highland Rd. Hospital	
Truesdale Hospital	3
Contagious Hospital	
City Home	6

#### STILL BIRTHS

Males	7
Females	5
Unknown	0
Total1	2
	Careno .

NATIVITY
Fall River8
Massachusetts
Other States
Ireland
Canada1
England1
Scotland
Germany
Azores
Austria
France
Belgium
Russia
Portugal
Italy
Poland
Syria
Australia
Sweden
Spain
Greece
Nova Scotia
Wales
New Brunswick

Unknown .....

#### CEMETERIES

Oak Grove	31
North Burial Ground	. 5
St. John's	. 1
St. Mary's	
St. Patrick's	36
Notre Dame	58
Nwoo Hill	. 2
Our Lady of Light	. 5
Agedas Aham	
St. Mary's (Polish)	
Sent away for interment	
Brought here for interment	
SEX	
Male	83
Female	61

## CONDITION

White .....

COLOR

0011211011	
Jarried	40
Single	82
Vidowed	21
Divorced	1
Jnknown	

There were 101 cases of contagious diseases reported for Aug., viz:

Diphtheria \_\_\_\_\_\_11

Typhoid Fever	2
Tuberculosis of Lungs1	Ľ
Tuberculosis, Other Forms.	
Whooping Cough	
Measles	
Ophthalmia Neonatorum	1
Suppurative Conjunctivitis	6
Chicken Pox	
Dysentery, Bacillary	-
Cerebro-Spinal Meningitis	
Pneumonia, Lobar	
Mumps	

Influenza 3
Malaria
Gonorrhea 3
Tetanus
Dogbite 1

Septic Sore Throat .....

The following is the number of contagious diseases reported in each ward: 1-16; 2-12, 3-13; 4-10; 5-16; 6-20; 7-4; 8-6; 9-4.

Estimating the population at 131,358, 144 deaths would give an annual death rate of 13.16 in 1,000.

This is 34 more than last month and 12 more than the same month in 1919.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

Reports from the Government tuberculosis sanatoria of the United States Public Health Service to the Surgeon General, just made public, demonstrate conclusively the great value of occupational therapy as an adjunct in the treatment of discharged and disabled soldiers. In fact, as carried out by the experienced reconstruction aides of the United States Public Health Service, occupational therapy, consisting of mental work and manual handicraft for curative and diversional purpose, promises much in the medical care and treatment of discharged and disabled soldiers now being cared for by this service

Physicians in charge of tuberculosis sanatoria have often been discouraged by the failure of a large proportion of their patients to remain under treatment a sufficiently long period. Many of the patients, disregarding the advice of their physi-

cians, leave within a month of their admission.

According to this report, out of 392 patients admitted to one sanatorium, 263 took occupational therapy and 129 did not. Of the former only two patients left the hospital against the advice of physicians in charge. On the other hand, of the 129 who did not take occupational therapy, 83 either deserted or left the hospital against the advice of the physicians in charge. This is less than one per cent, among the former, as against 65 per cent, among the latter class of patients.

"Occupational therapy," said Dr. Lavinder, who is in charge of the United States hospitals for the care of disabled soldiers, "is one of the latest developments in the modern care of patients. It is applicable to all kinds of conditions, and is given both for direct, curative action, for the improvement of function of muscles and joints, as well as for the marked effect in stabilizing the patient by increasing the morale. Our results with it have been excellent. Occupational therapy is not vocational training. In the hospitals of the United States Public Health Service occupational therapy is given to bed patients and those who are convalescing. When the patients have completely convalesced this form of therapy is succeeded by vocational training."

The Public Health Service operates the largest unit now engaged in occupational therapy and physiotherapy, over 300

expert aides, mostly women, being employed.

### U. S. PUBLIC HEALTH SERVICE OPENS UNIQUE HOSPITAL FOR SHELL-SHOCKED SOLDIERS

The new Government hospital where the United States Public Health Service will provide special care and treatment for shell-shocked soldiers was opened September 24, with the transfer of over 100 patients from the temporary hospital at Cape May, N. J. The new institution is in charge of Surgeon E. H. Mullan, an experienced regular officer of the Public Health Service, who has been the commanding officer at Cape May.

The Government reservation at Perryville offers exceptional opportunities for special care and treatment of the mild types of mental disorders embraced in the term "shell shock," for in addition to the main hospital building, there are numerous individual cottages where special care and a home-like environment can be provided where necessary to promote the patient's recovery.

At the present time the Public Health Service has under treatment over twelve thousand discharged soldiers suffering from shell shock and other mental disorders. Of these 5,578 are in hospitals operated by the Service, and the remainder in other hospitals where proper care and treatment is provided under contract.

#### MEDICAL INSPECTION OF SCHOOLS

Now that our schools have reopened, the Medical Inspectors of Schools will commence their work of examining school children. If any defects or diseases are discovered the parents of the children affected will be promptly notified and requested to secure treatment.

The system in operation here is to have a card sent to the parents telling of the disease or defect found and advising them to have the children treated. If the child is suffering from a communicable disease it is immediately excluded. A duplicate card is retained by the teacher and at the end of two weeks this card is returned to the Board of Health office with a record of treatment, if any. If there has been no treatment, efforts are made by the nurses of the District Nursing Association, co-operating with this department to advise the parents and assist them in getting treatment.

With the various clinics of the City Hospital and the Union Hospital, where necessary dental, surgical and medical treatment can be secured either at a nominal cost or free of charge if the parents are unable to pay, therefore no excuse remains for having children's physical defects neglected.

Parents who may receive notices from the Medical Inspectors of Schools are urgently advised to have their children placed under treatment immediately, even though it may seem to be only of a minor character, as it is always possible that if these minor defects are not cared for they in time will seriously affect the health of the child and interfere with his studies.

CC	NTA	GIO	US	HOS	PIT.	AL	RE	POR	RT I	FOR	A	UGU	ST,	1920	)			
P	Anterior Poliomyelitis	Cerebro-Spinal	Chicken Pox	Diphtheria	Dog Bite	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measle	Typhoid Fever	Whooping Cough	Gonorrhea	Syphillis	Suppurative Conjunctivitis		Total
Patients admitted		****		4		1		*****	****	1	****		*****		*****	****	*****	6
Termination { Recov	ery	*****	1	1			****	*****	*****	****	****	Name	. ****	00999	****	akoos	were	2
1 ermination \ Death	****	****	*****	1	••••	*****	***	****	*****	*****	*****	*****	****	92+82	*****	00000		1
TOTAL	CASES	OF	CON	TAGI	OUS	DIS	EAS	ES IN	1 TH	IE C	ITY	FOR	AUG	UST	, 19	20.		
Cases reported	00100	*****	5	11	1	13	2	7	4	6	1	22	1	3	2	2	\$0.00	80
Deaths	02100	****	****	3	*****	-	****	0.000	3	****	*****	2	1	02020	1	09900	****	10



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Hall River, Mass.

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VOL.V. OCTOBER, 1920. NO. 10

# Mortality for the Month of September, 1920.

After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.

	After the Bertillon Classifica	ition o	f Causes of Deaths, Second International Dec	ennial	Revision, Paris, 1909.
	I-GENERAL DISEASES.	72	Chorea		VII—THE PUERPERAL STATE
1	Typhoid Fever 2	73		134	Accidents of Pregnancy
2	Typhus Fever	74		135	Puerperal Haemorrhage
3	Relapsing Fever	75		136	Other Accidents of Labor
4	Malaria	76		137	Puerperal Septicæmia:
5	Smallpox	III	-DISEASES OF THE CIRCULATORY	138	Puerperal Albuminuria and Convulsions Puerperal Phlegmasia Alba Dolens, em-
7	Measles2		SYSTEM.	100	bolus, Sudden Death
8	Whooping Cough	77	Pericarditis	140	Following Childbirth (not otherwise de-
9	Diphtheria and Croup	78	Acute Endocarditis	4/4.4	fined)
10	Influenza	79 80	Organic Diseases of Heart	141	Puerperal Diseases of the Breast
11	Miliary Fever	81	Diseases of the Arteries, Atheroma,	VIII	-DISEASES OF THE SKIN AND OF
12 13	Asiatic Cholera		Aneurysm, etc 4		THE CELLULAR TISSUE.
14	Dysentery	82	Embolism and Thrombosis 5	142	Gangrene
15	Plague	83	Diseases of Veins (varices, haemorrhoids,		Furuncle 1
16	Yellow Fever	84	phlebitis, etc)  Diseases of Lymphatic System (Lymphan-	144	Other Diseases of the Skin and Annexa.
17	Leprosy		gitis, etc.		
18 19	Other Epidemic Diseases	85	Haemorrhage; Other Diseases of the		DISEASES OF THE BONES AND OF
a	Mumps		Circulatory System 1		THE ORGANS OF LOCOMOTION.
20	Purulent Infection and Septicæmia	IV-	-DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis
21	Glanders		SYSTEM.	147	Excepted)
22	Anthrax	86	Diseases of Nasal Fossae	147	Consider the Joints (Tuberculosis and Rheumatism Excepted)
23 24	Rabies Tetanus 1	87	Diseases of Larynx 1	148 .	· Amputations
25	Mycoses	88	Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-
26	Pellagra	89 90	Chronic Bronchitis 1		motion
27	Reriberi	91	Bronchopneumonia		X-MALFORMATIONS.
28 29	Acute Miliary Tuberculosis	92	Pneumonia 1'	150	Congenital Malformation (Still births
30	Tuberculous Meningitis	93	Pleurisy		not Included) 1
31	Abdominal Tuberculosis 1	94	Pulmonary Congestion, Pulmonary Apoplexy	XI	-DISEASES OF EARLY INFANCY.
32	Pott's Disease	95	Gangrene of the Lung		
33	White Swellings	96	Asthma	151 a	Congenital Debility Icterus and Sclerema
34 35	Tuberculosis of other Organs  Disseminated Tuberculosis	97	Pulmonary Emphysema	b	Premature Birth 4 Congenital Debility 1
36	Rickets.	98	Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy 3
37	Syphilis 2		(Tuberculosis Excepted)	153	Lack of Care
38	Gonococcus Infection	V-	-DISEASES OF THE DIGESTIVE SYS-		XII-OLD AGE.
39	Cancer and other Malignant Tumors of the Buccal Cavity 2		TEM.	154	Senility 1
40	Cancer and other Malignant Tumors of	99	Diseases of the Mouth and Annexa		
10	the Stomach, Liver 4		Diseases of the Pharynx 1		XIII-EXTERNAL CAUSES.
41	Cancer and other Malignant Tumors of	101	Septic Sore Throat	155	Suicide by Poison
4.0	the Peritoneum, Intestines, Rectum 5 Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	156 157	Suicide by Asphyxia.
42	the Female Genital Organs	103	Other Diseases of the Stomach (Cancer	158	Suicide by Hanging or Strangulation Suicide by Drowning
43	Cancer and other Malignant Tumors of	101	Excepted)	159	Suicide by Firearms
	the breast 1	104	Diarrhoea and Enteritis (under 2 years), 40 Diarrhoea and Enteritis (2 years and over) 3	160	Suicide by Cutting or Piercing Instru-
44	Cancer and other Malignant Tumors of	106	Ankylostomiasis	1.01	ments.
45	the skin	107	Intestinal Parasites	161 162	Sucide by Jumping from a High Place Suicide by Crushing.
70	other organs and of organs not	108	Appendicitis and Typhlitis	163	Other Suicides
	specified1	109	Hernia, Intestinal Obstructions	164	Poisoning by Food
46	Other Tumors (Tumors of the female	111	Acute Yellow Atrophy of the Liver 1	165	Other Acute Poisonings
47	genital organs excepted) 1 Acute Articular Rheumatism 1	112	Hydatid Tumor of the Liver	166 167	ConflagrationBurns (Conflagration Excepted)
48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver 1	168	Absorption of Deleterious Gases (Con-
49	Scurvy	114 115	Other Diseases of the Liver		flagration Excepted) 1
50	Diabetes	116	Diseases of the Spleen	169	Accidental Drowning 2
51 52	Exophthalmic Goitre	117	Simple Peritonitis (nonpuerperal) 1	170 171	Traumatism by FirearmsTraumatism by Cutting or Piercing In-
53	Leuchæmia	118	Other Diseases of the Digestive System		struments
54	Anæmia, Chlorosis		Cancer and Tuberculosis Excepted	172	Traumatism by Fall
55	Lethargic Encephalitis	VI-	NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
56 <b>5</b> 7	Alcoholism (Acute or Chronic)		GENITO-URINARY SYSTEM AND	174 175	Traumatism by Machines
58	Other Chronic Occupation Poisonings		ANNEXA.	110	cles, Railroad, Landslides, etc.) 1
59	Other Chronic Poisonings	119	Acute Nephritis 1	176	Injuries by Animals
		120 121	Bright's Disease	177	Starvation
	ISEASES OF THE NERVOUS SYSTEM	122	Other Diseases of the Kidneys and	178 179	Excessive Cold
AN	ID OF THE ORGANS OF SPECIAL		Annexa	180	Lightning
	SENSE.	123	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis 1	124 125	Diseases of the Bladder. Diseases of the Urethra, Urinary	182	Homicide by Firearms
61 61a	Simple Meningitis	. 20	Abscess, etc.	183	Homicide by Cutting or Piercing In- struments
62	Locomotor Ataxia	126	Diseases of the Prostate	184	Homicide by other Means
<b>63</b> a	Anterior Poliomyelitis	127	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)
g A	Other Diseases of the Spinal Cord 1	128	tal Organs	186	Other External Violence
64 65	Cerebral Haemorrhage, Apoplexy 5 Softening of Brain	129	Uterine Tumor (noncancerous)		XIV-ILL DEFINED DISEASES.
66	Paralysis Without Specified Cause	130	Other Diseases of the Uterus	187	Ill Defined Organic Disease
67	General Paralysis of the Insane	131	Cysts and other Tumors of the Ovary	188	Sudden Death
68 69	Other Forms of Mental Alienation	132	Salpingitis and other Diseases of the Female Genital Organs	189	Cause of Death not Specified or Ill-defined
70	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast		DD LOVE
71	Convulsions of Infants		(Cancer Excepted)	7	TOTAL DEATHS 161

#### DEATHS BY AGES Under 1 day ..... 5 2 1-2 days ..... 0 0 0 2-3 days ...... 1 1 3 days-1 week ...... 1 1-2 weeks ...... 1 0 2-3 weeks ...... 1 1-2 months...... 3 2-3 months ...... 5 5 5 4 { year ...... 9 3 2 years ...... 3 3 years ..... 4 3 4 years ..... 0 0 5-9 years..... 4 1 15-19 years..... 1 1 20-24 years ...... 2 1 25-29 years ..... 0 0 0 30-34 years..... 4 4 35-39 years...... 6 4 40-44 years...... 4 0 50-54 years..... 8 2 55-59 years......10 5 5 60-64 years 13 3 10 65-69 years..... 8 5 3 70-74 years...... 8 5 75-79 years...... 7 80-S4 years ...... 2 1 1 85-89 years...... 3 2 1 90-94 years...... 1 0 95-99 years...... 9 0 100+...... Unknown ...... 0

#### DEATHS BY WARDS

	19
2	14
3	21
4	2
5	13
6	22
7	7
8	35
9	<b>2</b> 8

#### HOSPITALS

HOSPITALS	
City Hospital	10
Union Hospital	12
St. Anne's Hospital	5
Bay View Hospital	1
Highland Rd. Hospital	
Truesdale Hospital	5
Contagious Hospital	2
City Home	3
STILL BIRTHS	
Males	5
Females	0
Unknown	0
Total	5

# NATIVITY Fall River \_\_\_\_\_\_86

Other States

001101 0000000
Ireland13
Canada19
England10
Scotland1
Germany
Azores
Austria
France
Belgium
Russia
Portugal
Italy
Poland
Syria

Australia .....

Sweden

Spain .....

Greece

Nova Scotia

Wales....

New Brunswick

Unknown .....

#### CEMETERIES

CEMETERIES					
Oak Grove	25				
North Burial Ground	6				
St. John's	3				
St. Mary's St. Patrick's	ad ++++				
St. Patrick's	49				
Notre Dame	60				
Nwoo Hill	2				
Our Lady of Light	2				
Agedas Aham	1				
St. Mary's (Polish)	1				
Sent away for interment1					
Brought here for interment	21				
SEX Male	77				
SEX MaleFemale	77 84				
SEX Male Female	84				
SEX Male COLOR White	84				
SEX Male Female	84				
SEX Male COLOR White	84				
SEX Male COLOR White Colored CONDITION	84				
SEX Male COLOR White Colored CONDITION Married Single	84 161 0				
SEX Male COLOR White Colored CONDITION Married	84 161 0				

#### 

Scarlet Fever\_\_\_\_\_\_7

Influenza.....

German Measles .....

Trachoma .....

Tetanus .....

Dogbite .....

The following is the number of contagious diseases reported in each ward: 1-24; 2-15, 3-8; 4-20; 5-19; 6-15; 7-4; 8-14; 9-11.

Estimating the population at 131,358, 161 deaths would give an annual death rate of 14.71 in 1,000.

This is 17 more than last month and 60 more than the same month in 1919.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

#### TYPHOID FEVER OUTBREAK.

An increase above normal in the number of cases of Typhoid Fever reported during the period from August 31 to September 18 caused concern to this Department, especially when it was noted that seven of the patients reported were employed in one of the large mills of the city. As most of these seven were employed in the same department. it was thought at first that a "carrier" was the cause of the outbreak. This belief appeared to be borne out by the actions of some of the employees, which were noted by the inspectors of this department. Although bubbler fountains were provided, a number of operatives were found to be using, in common, milk bottles, glasses, etc., for drawing water from the faucets instead of drinking from the bubblers. Others were noticed placing their mouths to the faucets in order to drink. One female operative washed her hands and arms and very carefully placed the bar of soap she had been using on top of the bubbler. Arrangements were being made to examine the operatives in this department of the mill, in an attempt to discover the carrier or carriers, when additional cases were reported to the department. And when, on September 22, it was noted that a total of twelve cases had been reported scattered throughout the mills, the carrier theory was aban-Careful investigations had eliminated milk and other foodstuffs from suspicion as there was no common source of supply. The patients had either been in the habit of going home for dinner or having their dinners carried to them, and questioning showed that they were not in the habit of buying milk, ice cream, soda water or such to supplement their dinners.

As the mill secured its drinking water from an artesian well and the investigation had eliminated all other sources of infection, special attention was given to this water supply. It was found that the water was pumped from the well direct to a small circular tank located in the lower floor of the plant, from this there was an overflow pipe leading to a large covered reservoir, built of concrete, located outside the plant in the mill yard, and that the water from the reservoir overflowed into the sewer. The water from the circular tank was pumped to two large tanks located on the top floor of the plant and from there the water was piped to the bubbling fountains. The water from the reservoir was pumped to two other tanks located in the upper floor which supplied the water for the faucets, toilets and other fixtures. As the body of water in the reservoir was larger than that in the circular tank and the pipes from the former larger than those leading from the latter, the water from the faucets was colder than from the bubblers, which was the reason given by the operatives for drinking water from the faucets in preference to water from the bubblers.

It was also found that the water from the reservoir overflowed directly into the sewer, no trap being provided to prevent any possible contamination of the water by sewage backing up into the reservoir

contamination of the water by sewage backing up into the reservoir. In view of these conditions, on September 22, Agent Samuel B. Morriss, of the Board of Health, ordered that the use of the well water be discontinued pending examination of the supply to determine its quality and safety, and that special piping be installed to supply city water to all departments of the mill. Orders were also given to have a trap placed between the reservoir and the sewer. These and all orders given were very promptly complied with by the mill officials Mr. Morriss also instructed Dr. James H. Walsh, Bacteriologist of

the Department, to secure and examine samples of the water from the well proper and also from the different tanks and fixtures in the mills. Dr. Walsh's report, made September 27, stated: "The storage tank [reservoir] water and faucet water from the — mill shows evidence of contamination with Colon Bacilli, the usual indicator of sewage contamination."

In addition to the examination by the bacteriologist of this department, a representative of the State Department of Public Health also secured samples of the water for analysis, and under date of October 25, 1920, Dr. Eugene R. Kelly, Commissioner of Public Health, wrote this office that "the examination shows that the well was drilled largely through rock and that it is located in a thickly populated region. The results of the analysis show that the water of this well is badly polluted and unsafe for drinking. Its further use for that purpose should be prevented."

A total of thirty-seven cases with four deaths were reported amongst the operatives of these mills, the last case being reported October 26. As the latest date of onset amongst the cases reported was October 4, 12 days after September 22, the date that the use of the well water was discontinued, the action of the Agent of the Board in ordering that the use of the well water to be discontinued, was timely and undoubtedly prevented the epidemic from reaching more serious proportions.

The friendly spirit of co-operation shown by the management of the mill towards the inspectors and officials of this department was of material assistance in our investigations. In addition to co-operating with this department and promptly putting into effect orders and instructions issued by the Board of Health, when the first cases were being reported, and it appeared that the outbreak might be due to a "carrier," the mill employed a physician to innoculate against typhoid fever all employees of the mills who desired to be so

protected.

#### THE SERIOUSNESS OF SNEEZING.

Let the innocent bystander beware of the careless or ignorant individual who takes no precaution to cover the nose and mouth when sneezing. Such carelessness should be resented as you would resent the dangerous habit of spitting.

When you sneeze, a spray of the secretions from the mucous membrane of the respiratory tract and the throat is thrown into the air for quite a distance about you. This spray often carries the germs of disease. From certain forms of leprosy and tuberculosis, thousands of germs capable of producing these diseases, are breathed in by those who are standing within the zone of the spray.

Many of the influenzas or so-called colds are communicated from one person to another in the same way. Some apparently healthy people have disease producing organisms that are sneezed out. If taken into the respiratory tract of others who have less resistance, they will cause whatever special disease the particular inspired germ produces.

Poor ventilation causes much sickness. Fresh air twenty-four hours of the day is one of the greatest medicines in the world. Nearly everyone can get fresh air. A good walk in the day time and the circulation of fresh air in the house, school or office, both night and day, are great disease preventatives.—Los Angeles Health Dept. Bulletin.

CONT	ragi	OU	S	HO	SPI	TA	L R	EPC	ORT	FO	R	SEPT	EM	BER	, 19	920			
	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat	Diphtheria	Dog Bite	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Whooping Cough	Trachoma	Syphillis	Suppurative Conjunctivitis	Tetanus	Total
Patients admitted	1	1			2		****	*****	****	*****	5	4+204		****	****	90101	*****	1	10
Termination { Recover	ry	*****	****	****		,	, 1	****	*****	*****	2	****	*****	****		****	w00.00		3
Death	90000	1		40040	1			****	****	*****	****	****	*****	*****	99-00	****	****	1	3
TOTAL CA	SES O	F C	ON	TAC	JOI	JS	DISE.	ASES	IN	THE	CI	ΓΥ FO	OR S	ЕРТЕ	MB	ER,	1920.		
Cases reported	1	1	2	1 1	14	1	14	1	9	3	7	1	37	12	1		2	1	108
Deaths	****	1	*****		1	****	2	*****	*****	1	4000	*****	2	4	60000	2	*****	1	14



Fall River, Mass.

# MONTHLY BULLETIN

-OF THE-

# BOARD OF HEALTH

-OF THE-

## CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

VOL. 5. NOVEMBER, 1920. NO. 11

# Mortality for the Month of October, 1920.

After the Bertillon Classification of Causes of Deaths, Second International Decennial Revision, Paris, 1909.

				-,	
	I-GENERAL DISEASES		72 Chorea		VII—THE PUERPERAL STATE
1	7311.1.72	9	73 Neuralgia and Neuritis	134	Accidents of Pregnancy
1	Typhoid Fever	4	74 Other Diseases of Nervous System	135	Puerposed Users embage
2	Typhus Fever		75 Diseases of the Eyes and their Annexa.		Puerperal Haemorrhage
3	Relapsing Fever			136	Other Accidents of Labor
4	Malaria	J	76 Diseases of the Ears	137	Puerperal Septicæmia
5	Smallpox		III-DISEASES OF THE CIRCULATORY	138	Puerperal Albuminuria and Convulsions
6	Measles	2		139	Puerperal Phlegmasia Alba Dolens, em-
7			SYSTEM.		bolus, Sudden Death
6	Scarlet Fever		77 Pericarditis	140	
8	Whooping Cough	_		140	Following Childbirth (not otherwise de-
9	Diphtheria and Croup	7	78 Acute Endocarditis		_ fined)
10	Influenza	j	79 Organic Diseases of Heart 12	141	Puerperal Diseases of the Breast
11	Miliary Fever		80 Angina Pectoris	*****	
12			81 Diseases of the Arteries, Atheroma,	VIII	-DISEASES OF THE SKIN AND O
	Asiatic Cholera	1	Aneurysm, etc 10	1	THE CELLULAR TISSUE.
13	Cholera Nostras		82 Embolism and Thrombosis 4		
14	Dysentery				Gangrene
15	Plague		83 Diseases of Veins (varices, haemorrhoids,	143	Furuncle
16	Yellow Fever	i	phlebitis, etc)	144	Acute Abscess
17			84 Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa
	Leprosy		gitis, etc.		
18	Erysipelas	1	85 Haemorrhage; Other Diseases of the	IX-	DISEASES OF THE BONES AND O
19	Other Epidemic Diseases	,			THE ORGANS OF LOCOMOTION.
a	Chicken Pox	1	Circulatory System		THE ORGANS OF LOCOMOTION.
20	Purulent Infection and Septicæmia		IV-DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis
21	Glanders				Excepted)
			SYSTEM.	147	
22	Anthrax		86 Diseases of Nasal Fossae	17/	Diseases of the Joints (Tuberculosis and
23	Rabies		87 Diseases of Larynx	1.40	Rheumatism Excepted)
24	Tetanus			148	Amputations
25	Mycoses		88 Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-
26	Pellagra		89 Acute Bronchitis		motion
27	Beriberi		90 Chronic Bronchitis 1		
	Tuberculosis of the Lungs	5	91 Bronchopneumonia 5		X-MALFORMATIONS.
28			92 Pneumonia 1	150	Congenital Malformation (Still births
29	Acute Miliary Tuberculosis		93 Pleurisy	100	Congenital Manormation (Still births
30	Tuberculous Meningitis	2	and the second s		not Included)
31	Abdominal Tuberculosis	1	94 Pulmonary Congestion, Pulmonary	327	DYCE ACRE OF THE PARTY OF THE P
32	l'ott's Disease	- 1	Apoplexy	XI	-DISEASES OF EARLY INFANCY.
		Ì	95 Gangrene of the Lung	151	Congenital Debility Icterus and Sclerema
33	White Swellings		96 Asthma		Dogerital Deplity Icterus and Sciercina
34	Tuberculosis of other Organs		97 Pulmonary Emphysema	a	Premature Birth
35	Disseminated Tuberculosis		98 Other Diseases of Respiratory System	h	Congenital Debility
36	Rickets		the same and the s	152	Other Diseases Peculiar to Early Infancy
37	Syphilis		(Tuberculosis Excepted) 1	153	Lack of Care
38	Gonococcus Infection	- 1	V-DISEASES OF THE DIGESTIVE SYS-		
39	Cancer and other Malignant Tumors of	- }			XII-OLD AGE.
0.0			TEM.	154	Senility
4.0	the Buccal Cavity	1	Diseases of the Mouth and Annexa	101	J
40	Cancer and other Malignant Tumors of		100a Diseases of the Pharynx		XIII-EXTERNAL CAUSES.
	the Stomach, Liver	3			AIII - EATERNAL CAOSES.
41	Cancer and other Malignant Tumors of		b Septic Sore Throat	155	Suicide by Poison
	the Peritoneum, Intestines, Rectum 1		101 Diseases of the Oesophagus	156	Suicide by Asphyxia
40			102 Ulcer of the Stomach	157	
42	Cancer and other Malignant Tumors of	,	103 Other Diseases of the Stomach (Cancer		Suicide by Hanging or Strangulation
	the Female Genital Organs		Excepted) 3	158	Suicide by Drowning
43	Cancer and other Malignant Tumors of			159	Suicide by Firearms
	the breast	2	104 Diarrhoea and Enteritis (under 2 years)25	160	Suicide by Cutting or Piercing Instru-
44	Cancer and other Malignant Tumors of		105 Diarrhoea and Enteritis (2 years and over) 1		ments.
	the skin		106 Ankylostomiasis	161	Sucide by Jumping from a High Place
45	Cancer and other Malignant Tumors of	- i	107 Intestinal Parasites	162	
10	other organs and of organs not		108 Appendicitis and Typhlitis		Suicide by Crushing.
			109 Hernia, Intestinal Obstructions 4	163	Other Suicides
	specified	1	110 Other Diseases of the Intestines	164	Poisoning by Food
46	Other Tumors (Tumors of the female			165	Other Acute Poisonings
	genital organs excepted)		Acute Yellow Atrophy of the Liver	166	Conflagration
47	Acute Articular Rheumatism 1		112 Hydatid Tumor of the Liver	167	Burns (Conflagration Excepted)
48	Chronic Rheumatism and Gout		113 Cirrhosis of the Liver	168	Absorption of Deleterious Gases (Con-
49	Scurvy		114 Biliary Calculi		
50	Diabetes 1		115 Other Diseases of the Liver	169	Accidental Drowning
			116 Diseases of the Spleen		Accidental Drowning
51	Exophthalmic Goitre		117 Simple Peritonitis (nonpuerperal)	170	Traumatism by Firearms
52	Addison's Disease		118 Other Diseases of the Digestive System	171	Traumatism by Cutting or Piercing In-
53	Leuchæmia 1				struments
54	Anæmia, Chlorosis		Cancer and Tuberculosis Excepted	172	Traumatism by Fall
55	Lethargic Encephalitis		VI-NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
56	Alcoholism (Acute or Chronic) 1			174	Traumatism by Machines
57			GENITO-URINARY SYSTEM AND		
	Chronic Lead Poisoning.		ANNEXA.	175	Traumatism by other Crushing (Vehi-
58	Other Chronic Occupation Poisonings			4	cles, Railroad, Landslides, etc.)
59	Other Chronic Poisonings		119 Acute Nephritis	176	Injuries by Animals
			120 Bright's Disease 8	177	Starvation
I-T	ISEASES OF THE NERVOUS SYSTEM		121 Chyluria	178	Excessive Cold
			122 Other Diseases of the Kidneys and	179	Effects of Heat
AN	ID OF THE ORGANS OF SPECIAL		Annexa 1	180	Lightning
	SENSE.		123 Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60			124 Diseases of the Bladder.		Electricity (Lightning Excepted)
60	Encephalitis			182	Homicide by Firearms
61	Simple Meningitis 1			183	Homicide by Cutting or Piercing In-
61a	Cerebrospinal Fever		Abscess, etc.		struments
62	Locomotor Ataxia 1		126 Diseases of the Prostate	184	Homicide by other Means
63a	Anterior l'oliomyelitis		127 Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)
b	Other Diseases of the Spinal Cord		tal Organs	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy 8	2	128 Uterine Haemorrhage (nonpuerperal)	400	Table
		'	129 Uterine Tumor (noncancerous)		XIV-ILL DEFINED DISEASES.
65	Softening of Brain				
66	Paralysis Without Specified Cause			187	Ill Defined Organic Disease
67	General Paralysis of the Insane		Cysts and other Tumors of the Ovary	188	Sudden Death
68	Other Forms of Mental Alienation		132 Salpingitis and other Diseases of the	189	Cause of Death not Specified o
69	Epilepsy		Female Genital Organs	100	
70	Convulsions (nonpuerperal)		133 Nonnerperal Diseases of the management		
71	Convulsions of Infants	- 1	-	1 1	OTAL DEATHS 140

#### DEATHS BY AGES Under 1 day ..... 6 1-2 days ...... 2 2-3 days ...... 1 1 3 days-1 week ..... 0 0 0 1-2 weeks ..... 1 2-3 weeks ..... 0 0 1-2 months...... 6 2-3 months ...... 1 1 3-6 months...... 6 2 6-9 months ......11 5 9-12 months...... 4 3 l year ..... 7 5 2 years ..... 3 3 years ..... 1 4 years ...... 4 2 5-9 years...... 6 10-14 years ...... 1 15-19 years..... () 20-24 years ...... 4 1 1 30-34 years ...... 3 35-39 years...... 3 2 40-44 years..... 5 4 45-49 years..... 5 2 50-54 years.....12 55-59 years...... 6 2 60-64 years ...... 9 65-69 years..... 9 5 70-74 years.....14 75-79 years...... 4 3 80-84 years ...... 7 2 85-89 years...... 3 1 90-94 years..... 0 95-99 years..... 0 100+......0 Unknown ..... 0 0 Total......149 79 DEATHS BY WARDS

1	21
2	19
3	14
4	11
5	14
6	<b>2</b> 0
7	2
8	21
9	27

#### HOSPITALS

City Hospital1	0
Union Hospital	6
St. Anne's Hospital	1
Bay View Hospital	1
Highland Rd. Hospital	
Truesdale Hospital	4
Contagious Hospital	4
City Home	6

#### STILL BIRTHS

Males	4
Females	6
Unknown	0
Total.	10

#### NATIVITY

Fall River	55
Massachusetts	8
Other States1	15
Ireland	4
Canada	8
England	13
Scotland	3
Germany	
Azores	8
Austria	
France	
Belgium	
Russia	1
Portugal	1
Italy	
Poland	
Mexico	1
Australia	
Sweden	

Spain .....

Brazil

Nova Scotia

Wales.....

New Brunswick.....

#### CEMETERIES

31

79

Ook Grove

V 64.12 V 1 V 1 V
North Burial Ground 5
St. John's 3
St. Mary's 3
St. Patrick's 43
Notre Dame 51
Nwoo Hill 2
Our Lady of Light 1
Agedas Aham
St. Mary's (Polish)
Sent away for interment10
Brought here for interment 30
SEX

#### SEX Male Female.....

COLOR	
hite14	8
lored	1
* * * * * * * * * * * * * * * * * * * *	

#### CONDITION

0011211011	
Iarried	46
ingle	78
Vidowed	25
Divorced	
Jnknown	

#### There were 199 cases of contagious diseases reported for Oct., viz: Diphtheria ...... Scarlet Fever

Typhoid Fever	2
Tuberculosis of Lungs	
Tuberculosis, Other Forms.	
Whooping Cough	
Measles	
Ophthalmia Neonatorum	
Suppurative Conjunctivitis	
Chieken Pox	
Anterior Poliomyelitis	

į	Cerebro-Spinal Meningitis
ı	Pneumonia, Lobar
ı	Mumps
	Septic Sore Throat
	Influenza
	German Measles
	Trachoma
	Tetanus

Malaria \_\_\_\_\_1

The following is the number of contagious diseases reported in each ward: 1-37; 2-11, 3-19; 4-43; 5-23; 6-28; 7-15; 8-16; 9-7.

Estimating the population at 131,358, 149 deaths would give an annual death rate of 13.62 in 1.000.

This is 12 less than last month and 32 more than the same month in 1919.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

### DIPHTHERIA

Although at no time assuming epidemic proportions, or requiring radical steps, the large number of cases of Diphtheria reported during the month of October caused a great deal of uneasiness to the officials of the Health Department. A total of forty-three cases were reported and seven deaths were recorded from this disease during the month. Our uneasiness can be understood when it is considered that this number of reported cases was greatly in excess of the average for the corresponding month during the past six years, 1913 to 1919 when the average was just a little less than fourteen. Careful check was kept on the situation because of the unusually large number of cases reported and it was noted that they were generally well scattered throughout the city without any large group or groups

being in any one locality.

It is surprising in the light of the present day knowledge to note that this condition in regard to Diphtheria has been general throughout the country. Investigation elsewhere as well as here, show that many of the deaths from Diphtheria are due to carelessness either on the part of the parents in neglecting to call in a physician promptly when the children are "croupy, on the part of the physician in not using diphtheria antitoxin promptly and in sufficient and repeated doses. We have time and time again urged parents to be suspicious of "croup" and to call in the doctor without delay and when the parent does this, the physician should do his part by using antitoxin at once, if he is at all suspicious of diphtheria. If the case looks enough like diphtheria to warrant the taking of a culture, the safest and surest thing to do is to administer antitoxin. Then, if the culture proves positive, valuable time has been saved and much good accomplished, and if it should prove negative no harm is done.

In addition to furnishing diphtheria antitoxin to physicians free of charge the department is prepared to furnish to physicians material for making the Schick test and diphtheria toxin-antitoxin. By the use of the Schick test, it is possible to determine whether or not a person is susceptible to diphtheria and if he is found so to be, by using the toxin-antitoxin im-

munity will be given.

It has been found that in ninety-five per cent of cases previously susceptible this immunity to diphtheria lasts for years and possibly for life. The test is painless and harmless and consists of a dose of diphtheria toxin being injected between the layers of the skin of the arm. If the person is immune nothing happens but on the contrary, if he is susceptible, the site of the injection becomes red. The degree of redness of the skin indicates the degree of susceptibility to the disease.

As the immunity given by the toxin-antitoxin is not as quickly effective as that of Diphtheria anti-toxin, where a case of diphtheria exists in a family the proper precaution is to give anti-toxin at once to all who react positively to the Schick test to protect them against the immediate danger of infection.

We believe that the Schick test and toxin-antitoxin have proven their worth and strongly advise that they be used generally and we believe that the greater the use, the more Diphtheria will be eliminated. And if the Schick test and toxin-antitoxin are used as generally as smallpox vaccine, Diphtheria like smallpox will be a disease of the past.

### Prevent Pneumonia!

This is the season of the year when lobar pneumonia plays an important part in the records of sickness and death. To be sure, the present year has been a favorable one so far, with respect to this condition; but the coming of cold weather will witness the usual rise in the rate. Much can be accomplished by health officers to prevent pneumonia, provided plans are laid and active measures taken at once.

It should be recognized that lobar pneumonia is preeminently an acute infection, giving rise in most years to more deaths than all other acute infectious diseases combined. Because it is infectious, it is also preventable. If it were entirely eliminated as a cause of death, the life-span would be materially extended. Among white male wage earners insured in this Company, the complete control of lobar pneumonia would add a year and one half of life expectancy; for white females, a year and one fifth; for colored males, over two years; and, for colored females, one and one fourth years. Such is the importance of lobar pneumonia as a factor in curtailing the span of life.

It is clear, therefore, that a vigorous public health campaign directed by communities against lobar pneumonia this winter would be more than justified. A very promising attack can be made by health officers. They must first insist that all cases be reported and, when reported that they be isolated. Most persons who would not think of going into a house where there is scarlet fever, do not hesitate to come into close contact with persons suffering from acute lobar pneumonia. The public must be educated to realize that pneumonia is one of the most deadly of the infections. They must be taught to appreciate that cases of pneumonia require continued and careful nursing under medical supervision. But, probably, the most valuable activity will be the education of the public to the need of scrupulous personal hygiene, which must include greater cleanliness of the hands, the thorough cleansing of eating utensils, especially in public eating places, the prevention of unguarded coughing, sneezing and expectoration, the proper ventilation of homes, schools, railway cars and work-places, and the avoidance of undue chilling and exposure.—Statistical Bulletin, Metropolitan Life Insurance Company.

CON	TAC	GIO	US	HOS	PIT	AL	RE	POR	T F	OR	OCT	OB	ER,	192	0			
	itis	Spinal	Pox .	्र वर्ष				iia iim	rs .	ver	Measles	Fever	bo			ve		
	Anterior	Cerebro-	Chicken Septic So	Chroat	Aalaria	Measles	Mumps	Ophthalm Neonator	neumon Cobar)	carlet Fe	rerman	yphoid	Whoopin	onorrhe	yphillis	Suppurati Conjuncti	etanus	otal
Patients admitted	1	1		13	~	6	4	02	40	3		I	>0	9	Ś,	Š	H	24
Termination { Recovery	2	*****	1.	7	****	2	****	*****	*****	5	*	*****	*****	40000	00000	00000		17
Death	nacio	1	***** ,	3	****	1	0000	****	*****	****	*****	60000	(00000	00+04	****	****	****	5
TOTAL CA	SES	OF	CON	TAGI	OUS	DIS	EASE	ES IN	THE	CI	TY FO	OR	OCTO	OBEI	R. 19	920.		
Cases reported	2	2	11 .	43	$ \beta$ 1	. 51	3	13		11	1	22	9	3		- 2		183
Deaths		1	1	7		2	40000	*****	1			2	1		1			16



Fall River, Mass.

# MONTHLY BULLETIN

-OF THE-

# BOARD OF HEALTH

-OF THE-

## CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

Copies of the Bulletin will be mailed upon request and the name of any person so desiring will be placed upon our mailing list. Health Departments please exchange.

VOL. V.

DEC. 1920.

NO.12

# Mortality for the Month of November, 1920.

	After the Bertillon Classifica	tion of	Causes of Deaths, Second International Dec	cennial	Revision, Paris, 1909.
	I-GENERAL DISEASES	72	Chorea:		VII—THE PUERPERAL STATE
		73	Neuralgia and Neuritis	134	Accidents of Pregnancy
2	Typhoid Fever	74	Other Diseases of Nervous System	135	Puerperal Haemorrhage
3	Typhus Fever	75	Diseases of the Eyes and their Annexa.	136	Other Accidents of Labor
1	Relapsing Fever	76	Diseases of the Ears	137	Puerperal Septicæmia
5	Malaria	***		138	Puerperal Albuminuria and Convulsions 3
6	Smallpox	111-	-DISEASES OF THE CIRCULATORY	139	Puerperal Phlegmasia Alba Dolens, em-
7	Measles 3		SYSTEM.		bolus, Sudden Death
8	Scarlet Fever	77	Pericarditis	140	Following Childbirth (not otherwise de-
9	Whooping Cough	78	Acute Endocarditis	1	fined)
10	Diphtheria and Croup	. 79	Organic Diseases of Heart 11	141	Puerperal Diseases of the Breast
	Influenza 1	80	Angina Pectoris		
11 12	Miliary Fever	81	Diseases of the Arteries, Atheroma,	VIII	I-DISEASES OF THE SKIN AND OF
13	Asiatic Cholera		Aneurysm, etc 5		THE CELLULAR TISSUE.
14	Cholera Nostras	82	Embolism and Thrombosis 3	142	Gangrene
15	Dysentery Plague	83	Diseases of Veins (varices, haemorrhoids,	143	Furuncle
16	Yellow Fever		phlebitis, etc) 1	144	Acute Abscess
17	Leprosy	84	Diseases of Lymphatic System (Lymphan-	145	Other Diseases of the Skin and Annexa
18	Erysipelas		gitis, etc.	IX-	DISEASES OF THE BONES AND OF
19	Other Epidemic Diseases	85	Haemorrhage; Other Diseases of the	1	
a	Chicken Pox		Circulatory System		THE ORGANS OF LOCOMOTION.
20	Purulent Infection and Septicæmia	IV	DISEASES OF THE RESPIRATORY	146	Diseases of the Bones (Tuberculosis
21	Glanders		SYSTEM.		Excepted)
22	Anthrax	90		147	Diseases of the Joints (Tuberculosis and
23	Rabies	86	Diseases of Larray		Rheumatism Excepted)
24	Tetanus 1	87	Diseases of Larynx Diseases of Thyreoid Body	148	Amputations
25	Mycoses	89	Acute Bronchitis 2	149	Other Diseases of the Organs of Loco-
26	Pellagra :	90	Chronic Bronchitis	1	motion
27	Beriberi	91	Bronchopneumonia17		X-MALFORMATIONS.
28	Tuberculosis of the Lungs 6	92	Pneumonia	150	Congenital Malformation (Still births
29	Acute Miliary Tuberculosis 1	93	Pleurisy	100	not Included)2
30	Tuberculous Meningitis	94	Pulmonary Congestion, Pulmonary		not included)
31	Abdominal Tuberculosis		Apoplexy 1	X	-DISEASES OF EARLY INFANCY.
32	Pott's Disease	95	Gangrene of the Lung	151	Congenital Debility Istorus and Selerome
33	White Swellings	96	Asthma2	151 a	Congenital Debility Icterus and Sclerema
34	Tuberculosis of other Organs  Disseminated Tuberculosis	97	Pulmonary Emphysema	b	Premature Birth 4 Congenital Debility 3
35	Rickets	98	Other Diseases of Respiratory System	152	Other Diseases Peculiar to Early Infancy 3
36	Syphilis		(Tuberculosis Excepted)	153	Lack of Care.
37 38	Gonococcus Infection	37	DISEASES OF THE DIGESTIVE SYS-	100	#"
39	Cancer and other Malignant Tumors of	V			XII-OLD AGE.
0.0	the Buccal Cavity 1		TEM.	154	Senility1
40	Cancer and other Malignant Tumors of	99	Diseases of the Mouth and Annexa 1		WILL DUMPNALA GARAGE
	the Stomach, Liver 2		Diseases of the Pharynx		XIII-EXTERNAL CAUSES.
41	Cancer and other Malignant Tumors of		Septic Sore Throat	155	Suicide by Poison
	the Peritoneum, Intestines, Rectum 1	101	Diseases of the Oesophagus	156	Suicide by Asphyxia
42	Cancer and other Malignant Tumors of	102	Other Diseases of the Stomach (Concer	157	Suicide by Hanging or Strangulation
	the Female Genital Organs 2	103	Other Diseases of the Stomach (Cancer	158	Suicide by Drowning
43	Cancer and other Malignant Tumors of	104	Excepted) 2 Diarrhoea and Enteritis (under 2 years) 14	159	Suicide by Firearms
	the breast	105	Diarrhoea and Enteritis (2 years and over) 1	160	Suicide by Cutting or Piercing Instru-
44	Cancer and other Malignant Tumors of	106	Ankylostomiasis	1.01	ments.
45	the skin	107	Intestinal Parasites	161	Sucide by Jumping from a High Place
45	Cancer and other Malignant Tumors of	168	Appendicitis and Typhlitis	162 163	Suicide by Crushing.
	other organs and of organs not specified	109	Hernia, Intestinal Obstructions 2	164	Other Suicides
A.C	Other Tumors (Tumors of the female	110	Other Diseases of the Intestines	165	Other Acute Poisonings 1
46	genital organs excepted)	111	Acute Yellow Atrophy of the Liver	166	Conflagration
47	Acute Articular Rheumatism 1	112	Hydatid Tumor of the Liver	167	Burns (Conflagration Excepted) 1
48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver	168	Absorption of Deleterious Gases (Con-
49	Scurvy	114	Biliary Calculi 1		flagration Excepted) 1
50	Diabetes	115	Other Diseases of the Liver	169	Accidental Drowning
51	Exophthalmic Goitre	116	Diseases of the Spleen	170	Traumatism by Firearms
52	Addison's Disease	117 118	Other Diseases of the Digestive System	171	Traumatism by Cutting or Piercing In-
53	Leuchæmia	110	Other Diseases of the Digestive System Cancer and Tuberculosis Excepted	4.55	struments
54	Anæmia, Chlorosis			172	Traumatism by Fall
\$5	Lethargic Encephalitis	VI—	NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
56	Alcoholism (Acute or Chronic) 1		GENITO-URINARY SYSTEM AND	174	Traumatism by Machines
57 58	Other Chronic Occupation Poisonings		ANNEXA.	175	Traumatism by other Crushing (Vehicles, Railroad, Landslides, etc.)
59	Other Chronic Poisonings	119	Acute Nephritis 1	176	Injuries by Animals
93	Other Chrome 1 ofform 85	120	Bright's Disease 6	177	Starvation
Y Y	NOT ACRE OF THE NEDVOUS SVETEM	121	Chyluria.	178	Excessive Cold
	DISEASES OF THE NERVOUS SYSTEM	122	Other Diseases of the Kidneys and	179	Effects of Heat
Al	ND OF THE ORGANS OF SPECIAL		Annexa 1	180	Lightning
	SENSE.	123	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis	124	Diseases of the Bladder 1	182	Homicide by Firearms
61	Simple Meningitis	125	Diseases of the Urethra, Urinary	183	Homicide by Cutting or Piercing In-
61a	Cerebrospinal Fever	400	Abscess, etc.		struments
62	Locomotor Ataxia	126	Diseases of the Prostate 1	184	Homicide by other Means
63a	Anterior Poliomyelitis	127	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)
ь	Other Diseases of the Spinal Cord	100	tal Organs	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy 4	128 -	Uterine Haemorrhage (nonpuerperal)		XIV-ILL DEFINED DISEASES.
65	Softening of Brain	129 130	Other Diseases of the Uterus		
66 67	Paralysis Without Specified Cause	131	Cysts and other Tumors of the Ovary 1	187	Ill Defined Organic Disease
68	Other Forms of Mental Alienation	132	Salpingitis and other Diseases of the	188	Sudden Death not Specified or III defined 9
69	Epilepsy		Female Genital Organs	189	Cause of Death not Specified or Ill-defined 2
70	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast		POTAT DEATHY
71	Convulsions of Infants		(Caneer Excepted)		TOTAL DEATHS 146

### DEATHS BY AGES

	Total	Males	Female
Under 1 day	5	3	2
1-2 days	1	0	1
2-3 days	1	0	1
3 days-1week	0	0	0
1-2 weeks	1	1	0
2-3 weeks	2	2	()
3 wks-1 month	3	1	2
1-2 months	4	4	0
2-3 months	2	2	0
3-6 months	6	5	1
6.9 months	9	5	4
9-12 months	6	3	3
1 year	6	0	6
2 years	4	1	3
3 years	4	3	1
4 years	0	0	0
5-9 years	2	1	1
10-14 years	2	1	1
15-19 years	2	2	0
20-24 years	()	0	0
25-29 years	1	1	0
30-34 years	7	2	5
35-39 years	6	3	3
10-44 years	4	3	1
45-49 years	5	3	2
50-54 years	7	4	3
55-59 years	2	4	8
60-64 years	9	3	6
65-69 years	0	2	8
70-74 years	8	3	5
75-79 years	7	4	3
80-84 years	4	2	2
85-89 years	3	2	1
90-94 years	3	2	1
95-99 years	0	0	0
100+	0	0	0
Unknown	0	0	0
Total14	16	72	74

#### DEATHS BY WARDS

1	23
2	23
3	9
4	18
5	11
6	10
7	5
8	26
9	21

#### HOSPITALS

HOSPITALS
City Hospital 15
Union Hospital
St. Anne's Hospital
Bay View Hospital1
Highland Rd. Hospital
Truesdale Hospital
Contagious Hospital
City Home
STILL BIRTHS Males 8
Females
Unknown
Total 15
The state of the s

# NATIVITY Fall River \_\_\_\_\_\_ 73

Massachusetts 9

Other States 12

Ireland1	2
Canada1	7
England1	2
Scotland	
Germany	
Azores	
Austria	
France	
Belgium	
Russia	
Portugal	
Italy	
Poland	1
Mexico	
Australia	
Swadan	

Spain

Brazil

Nova Scotia

Wales.....

New Brunswick

Unknown

#### CEMETERIES

92

Ook Grove

NSV

CEV	
	MET PRO
Brought here for interment	19
Sent away for interment	
Jesus Marie Convent Tomb	1
Agedas Aham	1
Our Lady of Light	1
Nwoo Hill	
Notre Dame	06
St. Patrick's	
St. Mary's	
St. John's	1
North Burial Ground	3
V412 V1 V V	

### 

# CONDITION 2

	CONT	DITION	Į	
Iarried			***********	43
ingle				70
Vidowed				30
Divorced .	44445 19000 40		P	3
nknown				
		1		101700000

There were 228 cases of contagious diseases reported for Nov., viz:

Diphtheria 33
Scarlet Fever 19
Typhoid Fever 5
Tuberculosis of Lungs 23
Tuberculosis, Other Forms 7
Whooping Cough 24
Measles 70
Ophthalmia Neonatorum 17
Suppurative Conjunctivitis 4
Chicken Pox 10
Anterior Poliomyelitis
Cerebro-Spinal Meningitis
Pneumonia, Lobar 10
Mumps 5
Septic Sore Throat

Influenza 1

German Measles \_\_\_\_\_2

Tetanus 1

Gonnorrhoea ...... 1

Syphilis \_\_\_\_\_1

The following is the number of contagious diseases reported in each ward: 1-54; 2-25, 3-30; 4-26; 5-22; 6-20; 7-3; 8-37; 9-11.

Estimating the population at 131,358, 146 deaths would give an annual death rate of 13.34 in 1,000.

This is 4 less than last month and 5 more than the same month in 1919.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

### MILK REGULATIONS

At a meeting held March 29, 1920, the Board of Health adopted amendments to the Milk Regulation, that had been under consideration for some time. These amendments established grades of milk and required that if milk was produced on a dairy farm which was not up to a certain standard and the bacteria count of the milk exceeded a certain amount that the milk could not be sold in its raw state. These amendments were adopted to go into effect June 1st, 1920.

May 24, 1920, a committee representing an organization of milk dealers and their counsel appeared before the Board and requested that an extension of time be granted them. The Board considered the petition and due regard was given to the difficulties to be expected, at that time, in obtaining supplies and skilled help, etc., and the date of enforcement of the parts of the regulation upon which the dealers wished an extension of time was extended to September 1st

the dealers wished an extension of time was extended to September 1st.

September 20th, after the Board had voted to put the amendment in force, Counsel for the Independent Milk Dealers' Association appeared before the Board and questioned the constitutionality of the Regulation. Counsel desired that some arrangement be made to test the matter out in the Courts before enforcing the regulation. The question was discussed thoroughly and after counsel for Milk Dealers retired, the City Solicitor was consulted. The opinion of the City Solicitor was that the best method to pursue would be to put the rules into effect and revoke the permits and licenses of producers and dealers who would violate the regulation. Then if they continued to send milk into Fall River without such permit or license, they could be prosecuted and the Courts would pass on the legality of the regulation. He believed that by following this procedure much time would be saved. Acting upon this advice, preparations were being made to strictly enforce the regulation when notice was received that pleas for temporary and permanent injunctions to restrain the Board of Health from enforcing the amendments, had been made to the Supreme Court of the Commonwealth by four milk dealers. A hearing was held on these petitions on October 22 before Judge Peirce, who adjourned the case until his suggestion that a test case be taken before the Massachusetts Department of Public Health be acted upon. Counsel for the plaintiffs would not agree to any of his clients for the test case and the City Solicitor was about to return to the Court and report that no agreement could be reached when notice was received that pleas had been entered in the United States District Court on behalf of a dealer, a producer, and a dealer and producer, who were residents of Rhode Island.

During the time, that the City Solicitor was attempting to have counsel for the milk dealers agree on the client of his.

During the time, that the City Solicitor was attempting to have counsel for the milk dealers agree on the client of his, whose case would be taken as the test case, the Milk Inspectors, under the direction of the Agent of the Board had prepared information which was tabulated to show the various producers, just what was necessary for them to do to improve their dairies so that they would be up to the required standard. The majority of the dealers followed out the suggestions made and as a result their dairies came up to the standard, called for by the regulations.

After more delay a hearing was held before Judge Anderson.

After more delay a hearing was held before Judge Anderson of the United States District Court, Dec. 16 and 17, and after listening to testimony from both sides the Court suggested that certain changes concerning the nomenclature, the manner of taking samples and the giving of hearings to dealers so that if a license were revoked, a hearing would be given either before the revocation or within a reasonable time thereafter if the license or permit was revoked as a case of

The following are extracts from the finding of the Court:

The following are extracts from the finding of the Court:

"I am satisfied on the appearance of the case here that the Fall River Board of Health has proceeded in this case to try to protect this community against impure milk, and I am satisfied that it has not undertaken to proceed unreasonably in the extension and exercise of what you might call modern scientific knowledge, as to warrant an ignorant court in overruling it. You have to have a pretty fair case to justify a court—and I am inclined to say, particularly a Federal Court—in holding invalid a good faith regulation of the Health Board put into operation for the purpose of protecting the community and, I may properly say, the infant community, from disease. If you have a case of malice or an arbitrary action, you do not have any hesitation, but a court is an ignorant creature after all when it comes to scientific knowledge and is dependent upon expert testimony. The great weight of the expert testimony here is to the effect that in attempting to regulate the sale of milk in a community of this sort, you cannot distinguish between infant consumers and adult consumers. The great weight of the expert testimony is that such regulations are reasonable, and I do not find there is anything unreasonable in them as they have attempted to enforce them. I will deal a little later with some expressions as to the form that these regulations have taken.

"Now, what was the manifest purpose of this Board of Health,

"Now, what was the manifest purpose of this Board of Health, rather awkwardly, I may say, expressed in the so-called regulation.

Deaths

They said in substance, 'If you clean up your barns so you can get a standard of 80 on the score card, and produce milk which does not score above 200,000 bacteria, we will call your milk No. 1. I will refer to that now, to avoid conflicting terms, as the Massachusetts standard. And they say you can sell it raw or pasteurize it. Again they say, 'If you do not get your barns quite as clean as that, but will have them up to 60, and keep your bacteria down to 500,000, and will pasteurize your milk, you can sell it in Fall River; otherwise you cannot sell it.' That is what they undertook to do.

"Now, Mr. Cummings says that is illegal.

"Now, Mr. Cummings says that is illegal.

"Reverting, and, perhaps, to repeat, I shall not find on this evidence that that is unreasonable. I think that that would put a tremendous burden of responsibility on the court in these days of scientific knowledge. I do not know but that there have been courts that have been brave enough to find that vaccination was unwise and that diphtheria inoculation was unwise, but it takes a very courageous man or else a very foolish man sitting as a court, in the light of the scientific attainments of the last one hundred years, to set up his judgment in that field as against the judgment of real experts, and I have not that kind of courage. So, I do not find there is anything intrinsically unreasonable about these provisions undertaken to be enacted in good faith by the Board of Health, to protect that community from an improper milk supply."

\*\*\*\*\*\*

"I am disposed to think that if I had it before me exactly—and I rather think I have impliedly—that I should say that a regulation which empowered a board of health to cut a man's milk business off without giving him an opportunity to be heard, either before the permit is revoked or within a short time after the revocation, would be an arbitrary, unreasonable request which deprived a man of his property rights without due process of law, and I rather think Mr. Grime agrees with that interpretation. I think your Fall River regulation is, on the face of it as a piece of printing, open to that suspicion. I do not say that there is any evidence here that the Board of Health has acted in that arbitrary way, or would act in that arbitrary way, but I think they ought to provide in their regulations or on their permit, one or the other, that if a man who has once got onto the milk producing field is to have his rights cut off, it shall either be after a hearing, or within twenty-four or forty-eight hours, or some other short time after the revocation. You might provide that the revocation before a previous hearing should only be as an emergency measure, as necessary to protect the public safety. Then there should be a hearing. You cannot cut a man's business up by fallible human tribunals, particularly if they should happen to have a hysterical effect, as they did in some communities, without giving the man a chance to be heard. I think that is a fair interpretation of the provisions of Sections 1, 2 and 3."

"In the face of that statute—apart from these technical questions of nomenclature and right to be heard and possibly your contention that the permit and not the regulations should be the paper on which they should rely—I should not feel warranted in saying that the right to classify and to refuse permits until the milk has been tested in such a manner as the Board of Health shall determine, did not authorize the Board of Health to say, 'If your bacteria test is below a certain standard and your barn test is also below another certain standard, we will require pasteurization.' I am not prepared to say that under those circumstances it is illegal for the Board of Health to require pasteurization; otherwise, say that Grade B milk shall not be sold in this market. That is the real gist of your controversy and so far, you have been caught more or less by the ears on questions of nomenclature and procedure."

\* \* \* \* \*

"That leads to this conclusion: I think this case should stand continued for a few days and that the Board of Health and Mr. Grime should proceed to revise their regulations and their permits in these particulars. If they do that within a reasonable time and provide clearly that the bacteriological test shall be based on an examination of five samples as required in Section 1 of the Act, and provide for a hearing—except, perhaps, in cases of emergency—before the revocation of the permit, at any rate within a very short time after the revocation of the permit, and determine whether there is any error, and I suggest also, should revise their nomenclature as to grade A and grade B—with those things done—I should enter a decree dismissing these bills."

A proposed revision of the amendments along the lines laid down by Judge Anderson will be prepared by the City Solicitor and a hearing will be called. At the hearing to which all milk dealers, producers, etc., will be invited, criticism of and suggestions for improving the proposed amendments will be asked for from those present. After considering the suggestions and criticisms, the Board will again meet and adopt revised amendments so that the cases can be taken up before the Courts for final decision.

13

#### CONTAGIOUS HOSPITAL REPORT FOR NOVEMBER, 1920 Measles Cerebro-Spinal Meningitis Fever Suppurative Conjunctivitis Ophthalmia Neonatorum Poy Sore Chicken Septic S Throat 17 Patients admitted 10 Recovery Death 10 Termination TOTAL CASES OF CONTAGIOUS DISEASES IN THE CITY FOR NOVEMBER, 1920. .... 33 70 17 10 5 24 1 197 Cases reported 10

FED 19 1921



Hall River, Mass.

# MONTHLY BULLETIN

-OF THE-

# BOARD OF HEALTH

-OF THE-

### CITY OF FALL RIVER

CONTAINING MORTALITY STATISTICS FOR THE PREVIOUS MONTH

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VOL. VI.

JAN. 1921. NO. 1

# Mortality for the Month of December, 1920.

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3	Relapsing Fever	75	Diseases of the Eyes and their Annexa.	136	Other Accidents of Labor
4	Malaria	76	Diseases of the Ears	137	Puerperal Septicæmia
ś	Smallpox	III.	-DISEASES OF THE CIRCULATORY	138	Puerperal Albuminuria and Convulsions
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17	Leprosy	0.	gitis, etc.		
18	Erysipelas	85	Haemorrhage; Other Diseases of the	IX	DISEASES OF THE BONES AND OF
19	Other Epidemic Diseases		Circulatory System	1	THE ORGANS OF LOCOMOTION.
a	Chicken Pox			146	Diseases of the Bones (Tuberculosis
20	Purulent Infection and Septicæmia 1	IV-	-DISEASES OF THE RESPIRATORY	140	
21	Anthras		SYSTEM.	147	Diseases of the Joints (Tuberculosis and
22	Anthrax	86	Diseases of Nasal Fossae		Rheumatism Excepted)
23 24	Tetanus	87	Diseases of Larynx 2	148	Amputations
25	Mycoses	88	Diseases of Thyreoid Body	149	Other Diseases of the Organs of Loco-
26	Pellagra	89	Acute Bronchitis 3	4.	motion Manual State of House
27	Beriberi	90	Chronic Bronchitis		1 '91
28	Tuberculosis of the Lungs	91	Bronchopneumonia		X-MALFORMATIONS.
29	Acute Miliary Tuberculosis	92	Pneumonia	150	Congenital Malformation (Still births
30	Tuberculous Meningitis	93	Pulmonary Congestion Pulmonary		not Included)
31	Abdominal Tuberculosis	94	Pulmonary Congestion, Pulmonary	XI	-DISEASES OF EARLY INFANCY.
32	Pott's Disease	95	Apoplexy		
33	White Swellings	96	Asthma	151	Congenital Debility Icterus and Sclerema
34	Tuberculosis of other Organs	97	Pulmonary Emphysema	a	Premature Birth 3
35	Disseminated Tuberculosis	98	Other Diseases of Respiratory System	b	Congenital Debility 2
36	Rickets	00	(Tuberculosis Excepted) 1	152 .	Other Diseases Peculiar to Early Infancy 5
37	Syphilis			153	Lack of Care
38	Gonococcus Infection	V-	-DISEASES OF THE DIGESTIVE SYS-		× XII - OLD AGE.
39	Cancer and other Malignant Tumors of		TEM.	154	Senility
40	the Buccal CavityCancer and other Malignant Tumors of	99	Diseases of the Mouth and Annexa		
40	the Stomach, Liver	100a	Diseases of the Pharynx		XIII-EXTERNAL CAUSES.
A 1	Cancer and other Malignant Tumors of	}	Septic Sore Throat	155	Suicide by Poison
41	the Peritoneum, Intestines, Rectum 1	101	Diseases of the Oesophagus	156	Suicide by Asphyxia
42	Cancer and other Malignant Tumors of	102	Ulcer of the Stomach	157	Suicide by Hanging or Strangulation
47	the Female Genital Organs,	103	Other Diseases of the Stomach (Cancer	158	Suicide by Drowning.
43	Cancer and other Malignant Tumors of		Excepted)	159	Suicide by Firearms 1
	the breast	104	Diarrhoea and Enteritis (under 2 years). 4	160	Suicide by Cutting or Piercing Instru-
44	Cancer and other Malignant Tumors of	105	Diarrhoea and Enteritis (2 years and over) 1		ments
	the skin	106	Ankylostomiasis	161	Sucide by Jumping from a High Place
45	Cancer and other Malignant Tumors of	108	Intestinal Parasites	162	Suicide by Crushing.
	other organs and of organs not	109	Hernia, Intestinal Obstructions 3	163	Other Suicides
	specified	110	Other Diseases of the Intestines		Poisoning by Food
46	Other Tumors (Tumors of the female	111	Acute Yellow Atrophy of the Liver	165	Other Acute Poisonings
47	genital organs excepted)	112	Hydatid Tumor of the Liver	166 167	Conflagration Excepted) 1
47 48	Chronic Rheumatism and Gout	113	Cirrhosis of the Liver 1	168	Absorption of Deleterious Gases (Con-
49	Scurvy	114	Biliary Calculi	. 00	flagration Excepted)
50	Diabetes 1	115	Other Diseases of the Liver 1	169	Accidental Drowning
51	Exophthalmic Goitre	116	Diseases of the Spleen	170	Traumatism by Firearms
52	Addison's Disease	117	Simple Peritonitis (nonpuerperal)	171	Traumatism by Cutting or Piercing In-
53	Leuchæmia	118	Other Diseases of the Digestive System		struments
54	Anæmia, Chlorosis 1		Cancer and Tuberculosis Excepted	172	Traumatism by Fall
\$5	Lethargic Encephalitis	VI-	NONVENEREAL DISEASES OF THE	173	Traumatism in Mines and Quarries
56	Alcoholism (Acute or Chronic) 1		GENITO-URINARY SYSTEM AND	174	Traumatism by Machines
57	Chronic Lead Poisoning		ANNEXA.	175	Traumatism by other Crushing (Vehi-
58	Other Chronic Occupation Poisonings	119	Acute Nephritis 1	170	cles, Railroad, Landslides, etc.)
59	Other Chronic Poisonings	120	Bright's Disease 2	176	Injuries by Animals
	TOD LODG OF THE MUDICION WAS	121	Chyluria.	177	Starvation Excessive Cold
	DISEASES OF THE NERVOUS SYSTEM	122	Other Diseases of the Kidneys and	179	Effects of Heat
Al	ND OF THE ORGANS OF SPECIAL		Annexa	180	Lightning
	SENSE.	123	Calculi of the Urinary Passages	181	Electricity (Lightning Excepted)
60	Encephalitis	124	Diseases of the Bladder	182	Homicide by Firearms
61	Simple Meningitis 1	125	Diseases of the Urethra, Urinary	183	Homicide by Cutting or Piercing In-
<b>61</b> a	Cerebrospinal Fever		Absgess, etc.		struments
62	Locomotor Ataxia	126	Diseases of the Prostate	184	Homicide by other Means.
63a	Anterior l'oliomyelitis	127	Nonvenereal Diseases of the Male Geni-	185	Fractures (Cause not Specified)
Ь	Other Diseases of the Spinal Cord	100	tal Organs	186	Other External Violence
64	Cerebral Haemorrhage, Apoplexy 3	128	Uterine Haemorrhage (nonpuerperal)		XIV-ILL DEFINED DISEASES.
65	Softening of Brain	130	Uterine Tumor (noncancerous)	4	
66 <b>67</b>	Paralysis Without Specified Cause	131	Cysts and other Tumors of the Ovary	187	Ill Defined Organic Disease
68	Other Forms of Mental Alienation	132	Salpingitis and other Diseases of the	188	Sudden Death not Specified or III defined
69	Epilepsy		Female Genital Organs	189	Cause of Death not Specified or Ill-defined
70	Convulsions (nonpuerperal)	133	Nonpuerperal Diseases of the Breast		
71	Convulsions of Infants 1	1	(Cancer Excepted)	7	TOTAL DEATHS 146

#### DEATHS BY AGES Females Under 1 day ...... 5 1-2 days ...... 1 2-3 days ..... 2 3 days-1 week ...... 2 1-2 weeks ..... 0 2-3 weeks \_\_\_\_\_\_2 3 wks-I month ...... 1 1 1-2 months ...... 5 2 2-3 months ...... 0 0 3-6 months ..... 3 2 1 year ......11 2 years ...... 7 3 years ...... 0 4 years ..... 0 0 15-19 years ..... 4 20-24 years \_\_\_\_\_\_2 25-29 years ...... 4 30-34 years 3 35-39 years ..... 4 40-44 years 6 45-49 years..... 2 55-59 years...... 5 60-64 years ......20 4 75-79 years ...... 9 6 80-84 years ...... 4 3 85-89 years..... 3 90-94 years...... 1 1 95-99 years ...... 0 100+ ..... 0 Unknown ..... 0

## DEATHS BY WARDS

1	26
2	18
3	11
4	10
5	8
6	18
7	10
8	21
9	. 24

#### HOSPITALS

City Hospital	9
Union Hospital	9
St. Anne's Hospital	5
Bay View Hospital	1
Highland Rd. Hospital	
Truesdale Hospital	2
Contagious Hospital	3
City Home	4
	_
STILL BIRTHS	

Males	(27) 	* *** ****	** *****	6
Pemales			1	2
Jnknown	nder de de en en en en en ès « de		makeni a.a. '	0
Total				
•				

NATIVITY
Fall River 73
Massachusetts 5
Other States 9
Ireland 15
Canada 13
England13
Scotland 3
Germany
Azores5
Austria
France1
Belgium
Russia
Portugal
Italy 2
Poland 4
Mexico
Australia
Sweden
Spain

#### CEMETERIES

39

Oak Grove	E) 60
North Burial Ground	. 8
St. John's	. 4
St. Mary's (Polish)	3
St. Patrick's	39
Notre Dame	49
Nwoo Hill	
Our Lady of Light	
Agedas Aham	
Jesus Marie Convent Tomb	
Sent away for interment	
Brought here for interment	21
	-
SEX	
Male	65

### Female

	COLOR		
Vhite		.1	44
Colored			2

#### CONDITION

Married	******	36
Widowed	·······	31
		2
Unknown		

There were 236 cases of contagious diseases reported for Dec., viz: Scarlet Fever 14

Tuberculosis of Lungs 23 Tuberculosis, Other Forms. ..... 1 Whooping Cough 14 Measles 105 Ophthalmia Neonatorum 9 Suppurative Conjunctivitis \_\_\_\_\_3 Chicken Pox ...... 8

Anterior Poliomyelitis .... Cerebro-Spinal Meningitis..... Pneumonia, Lobar ...... 27 Mumps Septic Sore Throat Influenza 1

German Measles \_\_\_\_\_ 2

Gonnorrhoea .....

Syphilis .....

The following is the number of contagious diseases reported in each ward:

Dog Bite

1-40; 2-35, 3-47; 4-34; 5-19; 6-28; 7-11; 8-10; 9-12.

Estimating the population at 120,546, 146 deaths would give an annual death rate of 14.53 in 1,000.

This is the same as last month and 18 more than the same month in 1919.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

..... 1

Asia Minor

Wales....

New Brunswick

Syria

#### THE WHOLE STORY OF ONE EPIDEMIC.

Those who read the brief dispatches from Salem, Ohio, which were carried in nearly every newspaper in America, noticed wearily that some hundreds of people were suffering from typhoid fever and that in the course of a couple of weeks fifty of them died. Then came later bulletins that the city of 12,000 in eastern Ohio, a busy little manufacturing town, just out of the district of the great Mahoning Valley steel mills and right upon the edge of the coal fields, was recovering from the epidemic that multiplied the monthly death rate by three and reduced to danger of death one person in every ten.

The small news had but little portion of day to day interest and was dismissed as one of the incidents of national life. Few people asked themselves what it cost or the cost of prevention of such epidemics. For the benefit of Salem, O., and countless other Salems all over the United States, some larger and some smaller than the little city in eastern Ohio, the Ohio Department of Health has furnished figures on what the epidemic did to the common purse.

It took the amount of the average income of upwards of five hundred men in peace time. It took four times what the city collects in taxes for all purposes in a year, and it took away at one swoop nearly 4 per cent of the property of the city, all this in addition to the loss in suffering, in tears and in grief. The losses here given are calculated as cold economic losses, without sentiment of any kind.

State appropriation	5,000
Red Cross appropriation	50,000
Municipal appropriation	15,000
Private expenditure (including medical service and drugs	,
850 cases, at \$50 each	42,500
Private expenditure—nursing service, 200 cases, at	
\$100 each	20,000
Loss of time by wage earners (one-third of cases, weeks	
each, at \$5 per day)	60,000
Funeral expenses, 50 deaths at \$150 each	7.500
Value of lives lost, employing the basis of an average of	
\$4,000 for each	200,000
Business losses (due to lowest earning power and to avoid	1-
ance of city by persons from outside) estimated at	50,000
Total	450,000

The infection came from a broken tile pipe through which the city got its water. It was laid before there was State regulation of waterworks system. In putting down this tiled pipe, instead of iron pipe, the city made a saving of \$1,500. It had another saving in that it had spent nothing for bacteriological supervision of water, supply, which would have cost \$1,000 for each year. The total saving of \$2,500 is counted against the loss of \$450,000 as calculated by the Board of Health experts. The matter is reported as a concrete illustration of the value of such "economies".

Deaths

#### SOME PRELIMINARY FIGURES OF 1920

During the year 1920, there were a total of 1771 deaths in the City. This was a slight increase over 1919 when the total number of deaths recorded was 1723, the lowest number we have on record. Of the deaths in 1920, 628 were deaths of children under five years of age compared with the lowest number recorded, 603 in 1919. There were 461 children who died before reaching the age of one year.

The number of cases of Pulmonary and Laryngeal Tuberculosis reported during the year past was 232, compared with 303 during the previous year, with 103 deaths compared with 134 deaths during 1919. The number of cases reported is the lowest since 1908 and the number of deaths the lowest since the disease was made reportable in 1905.

Our Diptheria figures however are not so encouraging as the foregoing. The number of cases 280 was the largest in any year since records were first kept in 1885 and the number of deaths 39, has been exceeded only in two years, in 1896 when there were 40 and in 1902 when there were 44 deaths. Scarlet Fever, with 141 cases and 4 deaths exceeded the figures of the past five years.

But for the outbreak of Typhoid Fever during August, September and October, caused by polluted drinking water, amongst the employes of one of our largest cotton manufacturing plants, the figures for this disease would have been 81 cases and 2 deaths instead of 118 and 6 respectively. The number of deaths, 6, is the lowest since 1885 with the exception of 1919 when there were only 4 deaths from this disease and again excepting 1919 with 68 cases the number reported for 1920 was the lowest since 1912. The story of this outbreak has been told in a previous number of the bulletin.

There were 507 cases of Measles and 7 cases of German Measles with 19 deaths from Measles. Lobar Pneumonia cases were 210 causing 54 deaths. Of the 9 cases of Cerebro Spinal Meningitis 8 patients died. During the first four months of the year, and especially during the month of February, Influenza was quite prevalent, and a total of 626 cases with 43 deaths were recorded for the year.

None of the other reportable diseases assumed anything but their normal proportions.

CON	TAG	JOE	JS	H	OSP	TI'	AL I	REF	OR	Г F	OR	DEC	EM	BER	, 19	20		
	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat	Diphtheria	Malaria	Measles	Mumps	Ophthahnia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Whooping	Gonorrhea	Syphillis	Suppurative Conjunctivitis	Tetanus .
atients admitted			1		8		1				2	****		****	****			
ermination { Recovery   Death	****		1	****	, 8		3				6	2				**** .	,	
( Death					2													

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# MONTHLY BULLETIN

OF THE

# BOARD OF HEALTH

CITY OF FALL RIVER.

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS.

SAMUEL B. MORRISS, AGENT.

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VOLUME VI

FEBRUARY 1921

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THE change in the appearance of the Bulletin is caused by the revision of the International Classification of Causes of Death and Sickness. The third International Congress for this purpose was held in Paris, France, during October, 1920 and there were forty delegates present representing probably every country in the civilized world.

We are indebted to the Weekly Bulletin of the Department of Health of the city of New York for the list of diseases. The February 5th issue of that Bulletin contained the list as the final revised report of the New York Health Department's representative to the Congress which he recommended for adoption by that department.

We respectfully call the attention of the physicians of the city to the adoption of the list and they are requested in making returns of death to follow the nomenclature of this International List as closely as possible.

The attention of physicians is also called to the extracts from the laws of the Commonwealth governing the return of certificates of death which are printed on the back of the standard certificates. Several cases have recently come to our attention where certificates that should have been referred to the Medical Examiner were signed by private physicians. This in addition to being a violation of the law is sometimes a source of disturbance

to the family through causing a delay and interruption of the funeral services, as this office cannot give the undertakers in charge a burial permit until the certificate is properly filled out, in compliance with the law. Physicians should notify the Medical Examiner of all sudden deaths, deaths supposed to be caused by injury and deaths resulting from injury or infection related to occupation called to their attention. In deaths resulting from violence or supposed to be due to hazards of occupation, the Medical Examiner should fill out the certificate of death irrespective of the length of time a private physician was in attendance.

It is also requested that the statement of death be made in conformity to the request printed on the back of the standard certificate, especial attention being called to the recommendation that when the cause of death is given as Broncho Pneumonia that the secondary cause be given, or if there is no secondary cause that the word "primary" be written in on the certificate. If the secondary cause is not known, the word "unknown" should be written in.

We are requesting the cooperation of physicians in these matters in order to add to the accuracy of our Mortality Statistics.

#### NOTICE

The Public Health Council of the State Department of Public Health has added Lethargica Encephalitis to the list of reportable diseases, effective March 1st.

## MORTALITY FOR THE MONTH OF JANUARY, 1921

International List of Causes of Death, as Adopted at the Third International Congress for the Revision of the Classification of Causes of Death, Held at Paris, October, 1920.

		_
I 1	-Endemic or Infectious Diseases. Typhoid fever (abdominal typhoid and para-typhoid)	
2	and para-typhoid)  0. Typhoid fever 1. Paratyphoid fevers Typhus fever (exanthematous) Relapsing fever (spirillum obermeieri) Melito—coccosis (Malta fever) Malarial fever or cachexia.	
	Relapsing fever (spirillum obermeieri)	
4 5	Melito—coccosis (Malta fever) Malarial fever or cachexia	
	1. Malarial cachexia	
6	Smallpox	Ę
8	Measles Scarlet fever Whooping cough	1 4:04
10 11	Diphtheria	64
	Complications: 0. Pneumonia	7
	1. Bronchitis	4
	2. Heart diseases	
	5. Gastro intestinal	
	6. Puerperal 7. Others	
12 13	Miliary fever Mumps	
14 15	Asiatic cholera	
16	teritis)	
	0. Amebic	
	Mumps Asiatic cholera Cholera nostras (choleriform enteritis) Dysentery 0. Amebic 1. Bacillary 2. Unspecified or due to other causes	
17	Plague  0. Bubonic 1. Pneumonic 2. Septicemic 3. Unspecified Vallow force	
	1. Pneumonic	
18	3. Unspecified	
19 20	Yellow fever Icterohemorrhagica spirochetosis Leprosy	
21	Erysipelas	
23 24	Erysipelas Acute poliomyelitis Encephalitis lethargica Epidemic cerebro-spinal meningitis. Other epidemic disease	
25	Other epidemic diseases  0. Varicella	
	1. Rubella 2. Others	
26 27	Purulent or septicemic infection Glanders and farcy	2
28 29	Malignant pustule (anthrax)	
30	Tetanus Mycoses Tuberculosis of the respiratory sys-	
32	Tuberculosis of the respiratory system	
	0. Acute pulmonary tubercu-	
	losis  1. Other forms of tuberculosis of respiratory organs	2
33	Tuberculosis of the meninges or of the central nervous system	1
34	Tuberculosis of the intestines or	-
35 36	peritoneum	1
37	Tuberculosis of the joints Tuberculosis of other organs and	-4
	0. Tuberculosis of the skin or	
	subcutaneous cellular tissue  1. Tuberculosis of the bones	
	(except vertebral column). 2. Tuberculosis of the lymphatic system (except the	
	mesenteric and retroner.	
	itoneal glands) 3. Tuberculosis of the genito- urinary system	
38	4. Tuberculosis of other organs	
30	Disseminated tuberculosis	
	berculosis of the lungs, ex- cept that specified as	
39	chronic or pulmonary)  1. Chronic	
39	of any organ, tissue or structure	
	of any organ, tissue or structure of the body)  O. Primary	
	1. Secondary	
40	3. Hereditary 4. Period not specified Soft chancre (used for morbidity statistics only)	
40	Soft chancre (used for morbidity statistics only)	
41	the eye or adnexa	

) NC	OF CAUSES OF DEATH, HELD AT	PA
	I.—General Diseases Not Included	
43	Above.  Cancer or other malignant tumors of the buccal cavity	
10	of the buccal cavity	
	e. Cancer of the lip	
	2. Cancer of the mouth	
	3. Cancer of the jaw	
44	Cancer or other malignant tumors	
	of the stomach and liver	
	1. Cancer of the esophagus	
	2. Cancer of the stomach	2
	bladder	1
45	Cancer or other malignant tumors	
	of the peritoneum, intestines and rectum  0. Cancer of the mesentery and peritoneum  1. Cancer of the intestines (except rectum)  2. Cancer of the rectum and	
	0. Cancer of the mesentery and	
	1. Cancer of the intestines (ex-	
	cept rectum)	2
		1
	annus 3. Others Cancer or other malignant tumors	
46	Cancer or other malignant tumors	
	0. Cancer of the ovary and	
	fallopian tubes	
	2. Cancer of the vagina and	
	Cancer or other malignant tumors of the female genital organs  0. Cancer of the ovary and fallopian tubes  1. Cancer of the uterus  2. Cancer of the vagina and vulva  3. Others  Cancer or other malignant tumors	
47	3. Others Cancer or other malignant tumors of the breast Cancer or other malignant tumors of the skin Cancer or other malignant tumors of other or unspecified organs	
48	of the breast	2
. 40	of the skin	
49	Cancer or other malignant tumors	
	0. Cancer of the larynx	
	1. Cancer of the lung and	
	o. Cancer of the larynx  1. Cancer of the lung and pleura  2. Cancer of the pancreas  3. Cancer of the kidneys and supragranals	
	3. Cancer of the kidneys and	
	suprarenals 4. Cancer of the prostate 5. Cancer of the bladder 6. Cancer of the brain 7. Cancer of the bones (except	
	5. Cancer of the bladder	
	6. Cancer of the brain 7. Cancer of the bones (except	
	7. Cancer of the bones (except jaw)  8. Cancer of the testes.  9. Others  Benign tumors and tumors not returned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138).  0. Tumor of the brain  1. Tumor of the brain  2. Tumor of abdomen  3. Tumor of bladder  4. Tumor of prostate  5. Tumor of other location  Acute febrile articular rheumatism  Chronic rheumatism or gout.  0. Chronic rheumatism  1. Chronic gout	
	8. Cancer of the testes	
50	Benign tumors and tumors not re-	
	turned as malignant (except be-	
	the ovary and uterus—136, 138)	
	0. Tumor of the brain	
	2. Tumor of abdomen	
	3. Tumor of bladder	
	5. Tumor of other location	
51 52	Acute febrile articular rheumatism	
52	0. Chronic rheumatism	1
	1. Chronic gout	
53 54	Scurvy Pellagra	1
55	Beri-beri	
56 57	Rickets Diabetes	2
58	Anemia, Chlorosis	_
	0. Pernicious anemia	
59	Diseases of the pituitary gland	
60	Diseases of the thyroid gland  0. Exophthalmic goitre	
	0. Exophthalmic goitre 1. Other diseases of the thy-	
64	roid gland	
61 62	Diseases of the parathyroid gland	
63	Diseases of the parathyroid giand. Diseases of the thymus Addison's disease (disease of the adrenals)	
64	adrenals) Diseases of the spleen Leukemia and Hodgkin's disease	
65	Leukemia and Hodgkin's disease	
	0. Leukemia	
66	Alcoholism (acute or chronic)	1
67	0. Leukemia	
	0. Chronic lead poisoning	
68	1. Others Chronic poisoning by organic sub	
	stances  0. Chronic lead poisoning 1. Others Chronic poisoning by organic substances Other general diseases.	
69	Other general diseases  0. Acidosis	
	1. Amyloid degenerations	
	2. Autointoxications	
	3. Hemophilia4. Purpura hemorrhagica	
	5. Others	

Ш	-Diseases of the Nervous Syst and Organs of Special Sense.	em
70	Encephalitis	1
71		
	Meningitis 0. Simple 1. Non-epidemic cerebro - spin-	1
	al meningitis	
72	Progressive locomotor ataxia (tabes	
73	dorsalis) Other diseases of the spinal cord  0. Bulbar paralysis (Duchen-	
	v. Bulbar paralysis (Duchen- ne's disease)	
	ne's disease)	
	2. Acute ascending spinal par-	1
	alysis (Landry's disease)	
	or and careas transfer and a	
74	Cerebral hemorrhage, apoplexy	43
	Cerebral hemorrhage     Cerebral thrombosis and em-	3
78	bolism	1
75	Paralysis (without specified cause) 0. Hemiplegia 1. Other forms of paralysis	
76	1. Other forms of paralysis General paralysis (of the insane)	1
77 78	Other forms of mental alienation	- Ai
78	Epilepsy	
79	years and over)	
80	Epilepsy Convulsions (non-puerperal) (5 years and over) Infantile convulsions (under five years of age) Chorea	
81	Chorea	
	Chorea  O. Chorea  I. Hysteria and neuralgia  Nouritie	
	2. Neuritis	
82 83	2. Neuritis	
	tem Diseases of the organs of vision and	
84		
	tion, No. 42	
	0. Diseases of the eye (except tumor)	
	1. Follicular conjunctivitis	
	2. Trachoma	
	4 Other diseases of the eve or	
85	Diseases of the organs of hearing	
	and the mastoid process	
	its adnexa.  Diseases of the organs of hearing and the mastoid process.  0. Diseases of the ear.  1. Diseases of the mastoid process.	
	biocess	
IV	Diseases of the Circulatory System	em
87	Pericarditis	
	0. Acute endocarditis 1. Acute myocarditis	4
88	Angina pectoris	
89	Other diseases of the heart	6
	Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis	6
	z. Other chronic diseases of	6
90	the heart Aneurism	U
91	Atheroma and other diseaser of the arteries	7
92	arteries Embolism and thrombosis (except	
93	cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.)	
	hemorrhoids, phlebitis, etc.)	
94	(lymphangitis, etc.)	
95	(lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the cir-	
	culatory system	
V	Diseases of the Respiratory Syste	m.
96	their adnexa	1
	their adnexa	
97	Diseases of the larynx (except	
98	tuperculosis and cancer	
30	Bronchitis	6
	0. Acute 1. Chronic 2. Not otherwise defined under	
	5 years of age	
	5 years of age	
99	Broncho pneumonia (including cap-	
	1llary bronchitis)	23
	illary bronchitis)  0. Broncho pneumonia  1. Capillary bronchitis  Pneumonia	3
100	Pneumonia	10
	1. Not otherwise specified	2
101	Pleurisy	
	Pleurisy     Empyema of thoracic cavity	

102	Congestion or parenchymatous hem- orrhage of the lung		2. Other accidents of preg- nancy		2. Carbolic acid
103 104	Gangrene of the lung		Puerperal hemorrhage 1 Other accidents of childbirth		4. Lysol
105	Emphysema of the lung	175	0. Cesarian section		6. Wood alcohol
106	Other diseases of the respiratory system (tuberculosis excepted)	1	1. Other surgical operations and instrumental delivery		7. Others
	0. Chronic interstitial pneumo- nia (including occupational	146	2. Others	178 179	Conflagration
	diseases of the lung)  1. Diseases of the mediasti-	147	Phlegmasia alba dolens, puerperal embolism or sudden puerperal		flagration excepted)
	2. Others	148	death		1. Lamps
VI.	-Diseases of the Digestive System.		sions 1		2. Steam 3. Hot fluids
	Diseases of the mouth and adnexa.	149	Childbirth (without other explana- tion)		4. Matches
	0. Diseases of the teeth and gums	150	Puerperal diseases of the breast		6. Others 7. Unknown
	1. Other diseases of the buccal cavity and adnexa	IX.	—Diseases of the Skin or Cellular	180	Accidental mechanical suffocation  0. Foreign body in larynx
108	Diseases of the pharynx and tonsils (includes adenoids)		Tissue.		1. Overlying 2. Others
	0. Streptoccic sore throat	151 152	Gangrene	181	Accidental absorption of irrespir-
	1. Ludwig's angina 2. Tonsilitis		Phlegmon, acute abscess		able or poisonous gas
	3. Adenoids	15/1	only) Pruritis (morbidity only)		1. Chloroform or ether 2. Coal gas 3. Ammonia fumes
109	Diseases of the esophagus Ulcer of the stomach and duode-	155	Other diseases of the skin and its		3. Ammonia fumes
	0. Ulcer of the stomach 2		adnexa		5. Other gases
444	1. Ulcer of the duodenum 1 Other diseases of the stomach (can-	Α	-Diseases of the Bones and Organs	182	Accidental drowning
111	cer excepted		of Locomotion.	102	1. Others
	0. Indigestion	156	Diseases of the bones (tubercu- losis excepted)		(wounds of war excepted)
	2. Stricture or stenosis of py-	157	losis and rheumatism excepted)		Accidental injury by cutting or piercing instruments
112	3. Others Diarrhea and enteritis (under 2	158	Other diseases of the bones or organs of locomotion	185	Accidental injury by falls  0. Down shafts, hatchways,
113	years of age)		XI.—Malformations.		holds of vessels
	over) 3	159	Congenital malformations (still-		2. From buildings
114	Diseases due to other intestinal		births excepted)		4. From scaffolds
	parasites 0. Cestodes (hydatids of the		1. Malformations of the heart 1 2. Others 1		6. From vehicles
	liver excepted)				7. On streets, sidewalks, etc 9. Other falls
	2. Nematodes (other than ankylostoma)	160	XII.—Diseases of Early Infancy. Congenital debility, icterus and	186	Accidental traumatism in mines and quarries
	3 Coccidia		sclerema 0. Marasmus		0. In mines 1. In quarries
116	5. Parasites not specified Appendicitis and typhlitis		1. Inanition	187	Accidental traumatism by machines 0. Deaths by machinery
117	Hernia, intestinal obstruction		3. Selerema 4. Others	188	1. Deaths by elevators  Accidental traumatism by other
112	0. Hernia 3 1. Intestinal obstruction 3 Other diseases of the intestines	161	Premature birth, or consequence of labor		crushing (vehicles, railways,
110	O. Diseases of the anus and stercoral fistulae		0. Premature birth 4		0. Run over by wagons, trucks,
	1. Other diseases of the intes-	162	1. Injury at birth		1. Run over by automobiles 2. Run over by other vehicles
119	Acute yellow atrophy of the liver  Hydatid tumor of the liver		fancy 1		3. Run over by electric surface
120 121	Cirrhosis of the liver		1. Atelectasis 1 2. Umbilical infection		4. Run over by steam railroad
	0. Returned as alcoholic 1. Not returned as alcoholic		3. Umbilical hemorrhage 2		5. Run over by elevated rail-
122 123	Biliary calculi Other diseases of the liver 1	163	Lack of care		for the following road cars
124	Diseases of the pancreas except	16/	XIII.—Old Age. Old age (senility)		8. Crushed by derricks, stones,
125 126	Peritonitis of unstated cause Other diseases of the digestive	104	XIV.—External Causes.	400	9. Other causes
	system (cancer and tuberculosis excepted)	165	Suicide by solid or liquid poisons	190	Injuries by animals (not poisoning) Wounds received in war
VII	-Non-Venereal Diseases of the		(corrosive substances excepted)  0. Opium, morphine		Executions of civilians by bellig-
	Genito-Urinary System and		1. Strychnine	192a 192b	Excessive labor Starvation (deprivation of food or
	its Adnexa.	166	3. Others	193	water) Excessive cold Excessive heat
	Acute nephritis (including unspecified under 10 years of age) 1		Arsenic (paris green)     Bichloride of mercury	194 195	Excessive heat
128	Chronic nephritis (including unspecified over 10 years of age 8		2. Carbolic acid	197	Homicide by firearms
129 130	Other diseases of the kidneys and		4. Oxalie acid		Homicide by cutting or piercing instruments
	their adnexa (diseases of the kidney in pregnancy excluded)		acid)		Homicide by other means Infanticide (murder of infants less
131 132	Calculi of the urinary passages Diseases of the bladder (except	167	Suicide by poisonous gas  0. Illuminating gas		than 1 year of age)
	tumors)		1. Chloroform		0. Dislocations 1. Sprains
.00	abcess, etc	400	2. Coal gas		2. Fractures (cause unspeci-
124	1. Others	168 169	Suicide by hanging or strangulation Suicide by drowning	202	fied) Other external violence 0. Criminal abortion
	tumors)	40.0	0. Rivers, etc		1. Explosions
	genital organs	170 171	Suicide by firearms		Explosions
136	the ovary	172	struments	000	4. Other external violence
137 138	Salpingitis or pelvic absecss 1 Benign tumors of the uterus	173	places	203	Violent deaths of which the cause is unknown
139 140	Non-puerperal uterine hemorrhage. Metritis	174 175	Other suicides		XVIll-Defined Diseases.
141	Other diseases of the female genital		0. Mushrooms 1. Shell fish	204	Sudden death
	Ulgans			205	Classes of 3 - 41 4
142	Non-puerperal diseases of the		2. Pork sausages	205	Cause of death not specified or ill-
	Non-puerperal diseases of the breast (cancer excepted)  VIII.—The Puerperal State.	176 177	3. Others	205	defined
	Non-puerperal diseases of the breast (cancer excepted)		3. Others	205	defined

CON	NTAGIOU	S HOSPITA	L REPOR	RT FOR	JAN	IUARY,	1921		
	Anterior Poliomyelitis Cerebro-Spinal Meningitis Chicken Pox	Septic Sore Throat Diphtheria Malaria	Mumps Ophthalmia Neonatorum	Pneumonia (Lobar) Scarlet Fever	German Measles	Typhoid Fever Whooping Cough	Gonorrhea Syphillis	Suppurative Conjunctivitis	Tetanus Total
Patients admitted Termination { Recovery Death	1 1		2	3 3		2 1		****	11 14 1
DEATHS BY AG	ES	F	IOSPITALS				CEMET		
Under 1 day	3 2 1 5 2 3 2 2 0 3 2 1 4 4 0 2 1 1 6 3 3	Union Hospita St. Anne's Hos Bay View Hos Truesdale Hos Contagious Ho City Home  ST Males Females Unknown	pital			North Buri St. John's St. Mary's St. Patrick Notre Dam Nwoo Hill Our Lady of Agedas Ah Sent away s Brought he	(Polish)  's  f Light  for intermer  re for intern	ntX	35 9 9 1 66 46 1 3 7 25
9-12 months  1 year  2 years  3 years  4 years  5-9 years  10-14 years  15-19 years	7 1 6 14 8 6 5 3 2 5 2 3 2 2 0 3 2 1 2 1 1	Fall River Massachusetts Other States Ireland Canada England	NATIVITY			Married Single Widowed Divorced	CONDI	TION	48 98 30
20-24 years	6 1 5 3 1 2 6 3 3	Germany Azores Austria		7	v	reported for Diphtheria Scarlet Fey	Jan., viz:		25

3	1	2
6	3	3
6	2	4
8	5	3
10	5	5
7	4	3
12	6	6
8	3	5
14	7	7
6	3	3
7	2	5
$^{2}$	1	1
1	0	1
1	1	0
77	90	87
	3 6 6 8 10 7 12 S 14 6 7 2 1 1 77	6 3 6 2 8 5 10 5 7 4 12 6 8 3 14 7 6 3 7 2 2 1 1 0

	DEATF	IS BY	WARDS	
1			******************	36
2			***************************************	20
3	**********			27
4	***************************************		*************************	16
5	*** *** ****			16
6				16
7			***************************************	. õ
8				. 18
Ω				99

St. Anne's Hospital       7         Bay View Hospital       1         Truesdale Hospital       1         Contagious Hospital       1         City Home       2         STILL BIRTHS         Males       9         Females       5         Unknown       14         NATIVITY         Fall River       97         Massachusetts       10         Other States       14         Ireland       12         Canada       12         England       17         Scotland       1         Germany       Azores         Austria       7         France       Belgium         Russia       1         Portugal       1         Italy       1         Poland       2         Mexico       2         Australia       Sweden         Spain       Greece         Brazil       1         Wales       New Brunswick         Unknown       1	Union Hospital	
Bay View Hospital         1           Truesdale Hospital         2           Contagious Hospital         1           City Home         2           STILL BIRTHS           Males         9           Females         5           Unknown         14           NATIVITY           Fall River         97           Massachusetts         10           Other States         14           Ireland         12           Canada         12           England         17           Scotland         1           Germany         7           Azores         7           Austria         France           Belgium         Russia           Russia         1           Portugal         1           Italy         1           Poland         2           Mexico         2           Australia         Spain           Greece         Brazil           Syria         1           Wales         New Brunswick           Unknown         1		
Truesdale Hospital Contagious Hospital City Home		
Contagious Hospital		
City Home	*	
STILL BIRTHS           Males         9           Females         5           Unknown         14           NATIVITY           Fall River         97           Massachusetts         10           Other States         14           Ireland         12           Canada         12           England         17           Scotland         1           Germany         7           Azores         7           Austria         France           Belgium         Russia         1           Portugal         1           Italy         1           Poland         2           Mexico         2           Australia         Sweden           Spain         Greece           Brazil         1           Syria         1           Wales         New Brunswick           Unknown         1		
STILL BIRTHS           Males         9           Females         5           Unknown         14           NATIVITY           Fall River         97           Massachusetts         10           Other States         14           Ireland         12           Canada         12           England         17           Scotland         1           Germany         7           Azores         7           Austria         7           France         Belgium           Russia         1           Portugal         1           Italy         1           Poland         2           Mexico         2           Australia         Sweden           Spain         Greece           Brazil         1           Wales         New Brunswick           Unknown         1	City Home 2	
Males         9           Females         5           Unknown         14           NATIVITY           Fall River         97           Massachusetts         10           Other States         14           Ireland         12           Canada         12           England         17           Scotland         1           Germany         4           Azores         7           Austria         France           Belgium         Russia         1           Portugal         1           Italy         1           Poland         2           Mexico         2           Australia         Sweden           Spain         Greece           Brazil         1           Wales         New Brunswick           Unknown         1		
Females         5           Unknown         14           NATIVITY           Fall River         97           Massachusetts         10           Other States         14           Ireland         12           Canada         12           England         17           Scotland         1           Germany         4           Azores         7           Austria         France           Belgium         Russia           Russia         1           Portugal         1           Italy         1           Poland         2           Mexico         2           Australia         Sweden           Spain         Greece           Brazil         1           Wales         New Brunswick           Unknown         1	STILL BIRTHS	
Unknown         14           NATIVITY           Fall River         97           Massachusetts         10           Other States         14           Ireland         12           Canada         12           England         17           Scotland         1           Germany         7           Azores         7           Austria         France           Belgium         Russia           Russia         1           Portugal         1           Italy         1           Poland         2           Mexico         2           Australia         Sweden           Spain         Greece           Brazil         1           Syria         1           Wales         New Brunswick           Unknown         1	Males 9	
Total	Females	
NATIVITY           Fall River         97           Massachusetts         10           Other States         14           Ireland         12           Canada         12           England         17           Scotland         1           Germany         4           Azores         7           Austria         France           Belgium         Russia         1           Portugal         1           Italy         1           Poland         2           Mexico         2           Australia         Sweden           Spain         Greece           Brazil         1           Wales         New Brunswick           Unknown         1	Unknown	
Fall River       97         Massachusetts       10         Other States       14         Ireland       12         Canada       12         England       17         Scotland       1         Germany       4         Azores       7         Austria       7         France       8elgium         Russia       1         Portugal       1         Italy       1         Poland       2         Mexico       2         Australia       Sweden         Spain       Greece         Brazil       1         Syria       1         Wales       New Brunswick         Unknown       1	Total14	
Fall River       97         Massachusetts       10         Other States       14         Ireland       12         Canada       12         England       17         Scotland       1         Germany       4         Azores       7         Austria       7         France       8elgium         Russia       1         Portugal       1         Italy       1         Poland       2         Mexico       2         Australia       Sweden         Spain       Greece         Brazil       1         Syria       1         Wales       New Brunswick         Unknown       1		
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Other States       14         Ireland       12         Canada       12         England       17         Scotland       1         Germany       7         Azores       7         Austria       7         France       8elgium         Russia       1         Portugal       1         Italy       1         Poland       2         Mexico       2         Australia       Sweden         Spain       Greece         Brazil       1         Wales       New Brunswick         Unknown       1	Fall River97	
Ireland       12         Canada       12         England       17         Scotland       1         Germany       1         Azores       7         Austria       7         France       8elgium         Russia       1         Portugal       1         Italy       1         Poland       2         Mexico       2         Australia       Sweden         Spain       Greece         Brazil       1         Wales       New Brunswick         Unknown       1	Massachusetts10	
Canada       12         England       17         Scotland       1         Germany       7         Azores       7         Austria       7         France       8elgium         Russia       1         Portugal       1         Italy       1         Poland       2         Mexico       2         Australia       Sweden         Spain       Greece         Brazil       1         Wales       New Brunswick         Unknown       1	Other States14	
England       17         Scotland       1         Germany       7         Azores       7         Austria       7         France       8         Belgium       1         Russia       1         Portugal       1         Italy       1         Poland       2         Mexico       2         Australia       Sweden         Spain       Greece         Brazil       1         Wales       New Brunswick         Unknown       1	Ireland12	
Scotland       1         Germany       7         Azores       7         Austria       1         France       1         Belgium       1         Russia       1         Portugal       1         Italy       1         Poland       2         Mexico       2         Australia       Sweden         Spain       Greece         Brazil       1         Syria       1         Wales       1         New Brunswick       Unknown       1	Canada	
Germany       7         Azores       7         Austria       7         France       8         Belgium       1         Russia       1         Portugal       1         Italy       1         Poland       2         Mexico       2         Australia       Sweden         Spain       Greece         Brazil       1         Syria       1         W ales       1         New Brunswick       Unknown       1	England17	
Azores	Scotland 1	
Austria         France.         Belgium         Russia.       1         Portugal.       1         Italy.       1         Poland.       2         Mexico.       2         Australia.       Sweden.         Spain.       Greece.         Brazil.       5         Syria.       1         W ales.       1         New Brunswick.       1         Unknown.       1	Germany	
France         Belgium         Russia       1         Portugal       1         Italy       1         Poland       2         Mexico       2         Australia       Sweden         Spain       Greece         Brazil       1         Syria       1         Wales       1         New Brunswick       1         Unknown       1	Azores7	
Belgium         Russia       1         Portugal       1         Italy       1         Poland       2         Mexico       2         Australia       Spain         Spain       6         Greece       Brazil         Syria       1         Wales       New Brunswick         Unknown       1	Austria	
Russia       1         Portugal       1         Italy       1         Poland       2         Mexico       2         Australia       Spain         Spain       Greece         Brazil       1         Syria       1         Wales       1         New Brunswick       1         Unknown       1	France	
Portugal         1           Italy         1           Poland         2           Mexico         2           Australia         Sweden           Spain         6           Greece         Brazil           Syria         1           Wales         1           New Brunswick         1           Unknown         1	Belgium	
Italy       1         Poland       2         Mexico       2         Australia       5         Sweden       5         Spain       6         Greece       6         Brazil       1         Syria       1         Wales       1         New Brunswick       1         Unknown       1	Russia	
Poland	Portugal 1	
Mexico         Australia         Sweden         Spain         Greece         Brazil         Syria       1         Wales         New Brunswick         Unknown       1	Italy 1	
Australia         Sweden         Spain         Greece         Brazil         Syria       1         Wales         New Brunswick         Unknown       1	Poland2	
Sweden           Spain           Greece           Brazil           Syria         1           Wales           New Brunswick           Unknown         1	Mexico	
Spain           Greece           Brazil           Syria         1           Wales           New Brunswick           Unknown         1	Australia	
Greece           Brazil           Syria         1           Wales           New Brunswick           Unknown         1	Sweden	
Brazil         1           Syria         1           Wales         1           New Brunswick         1           Unknown         1	Spain	
Syria         1           Wales         1           New Brunswick         1           Unknown         1	Greece	
Wales	Brazil	
New Brunswick	Syria 1	
Unknown1	Wales	
	New Brunswick	
	Unknown1	

	RIES
	35
North Burial Ground	9
St. John's	
St. Mary's (Polish)	
St. Patrick's	66
Notre Dame	46
Nwoo Hill	1
Our Lady of Light	3
Agedas Aham	******
Sent away for interment	
Brought here for interm	
SEX	
Male	90
Female	87
COLO	ID.
	177
Colored	
CONDIT	
Single	
Widowed	
Divorced	
Unknown:	
There were 252 cases of	contagious diseases
reported for Jan., viz:	
Diphtheria	25
Scarlet Fever	12
Typhoid Fever Tuberculosis of Lungs	3
Tuberculosis, other form	s 2
Whooping Cough	97
34 1.	
Measies	96
Ophthalmia Neonatorun	96
Ophthalmia Neonatorum	96 112
Ophthalmia Neonatorun Suppurative Conjunctiv Chicken Pox	96 1
Ophthalmia Neonatorun Suppurative Conjunctiv Chicken Pox Anterior Poliomyelitis Cerebro-Spinal Meningit	96 1 12 ttis 2 15
Ophthalmia Neonatorun Suppurative Conjunctive Chicken Pox	96 1 12 tis 2 15 15 18 30
Ophthalmia Neonatorun Suppurative Conjunctive Chicken Pox	96 1 12 tis 2 15 is 30 4
Ophthalmia Neonatorun Suppurative Conjunctive Chicken Pox	1
Ophthalmia Neonatorun Suppurative Conjunctive Chicken Pox	1
Ophthalmia Neonatorun Suppurative Conjunctive Chicken Pox	96 1 12 tis 2 15 is 30 4
Ophthalmia Neonatorun Suppurative Conjunctive Chicken Pox	96 1 12 tis 2 15 15 18 30 4
Ophthalmia Neonatorun Suppurative Conjunctive Chicken Pox	96

The following is the number of contagious diseases reported in each ward:

4-34 1-49 2--30 3-37 5-20 6-29 7-13 8-18 9 - 22

Estimating the population at 124,843, 177 deaths would give an annual death rate of 17.01 in 1,000 This is 31 more than last month and 25 more than the same month in 1920.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.



# MONTHLY BULLETIN

## BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS. SAMUEL B. MORRISS, AGENT.

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VOLUME VI

**MARCH 1921** 

NUM BER III

### Smallpox == Vaccination

There were 140 cases reported to the Health Office from July 1, 1920 to March 1, 1921, inclusive. Of these 129 had never been successfully vaccinated; four had been successfully vaccinated as follows:

1		۰	۰		۰		۰		٠			٠			۰			٠	53	yrs.	ago,
																					ago,
1	۰		۰	٠	٠	٠		٠			٠	۰	٠	٠		۰	0	۰	20	yrs.	ago,
1		_							_										10	vrs.	8.20

six had been vaccinated after exposure and infection—too late to prevent the disease. One soldier claimed to have been vaccinated in the United States Army. One colored man who had smallpox and was well pitted contracted the disease again. 104 contracted the disease within the city limits; 36 contracted the disease outside the City of Los Angeles.

Over 120 years ago Edward Jenner discovered that milk maids who had contracted cowpox were protected from smallpox. Since then experience has proven to every scientific body in the civilized world the truth and value of this great discovery and many millions of lives have been saved and untold suffering prevented by vaccination.

Why do some hesitate to be vaccinated and avail themselves of the cheapest and surest known insurance against sickness and death? Is it because they accept the advice of those who have had no experience and know nothing about vaccination and smallpox, but only want attention and to be known at any cost to the community and their friends?

If we had better means to fight smallpox there might be some excuse for this opposition but as no one has anything of equal value to offer in exchange for vaccination it seems most absurd to discard a safe and efficient measure—vaccination.

The above clipping from the Bulletin of the Los Angeles Health Department is of especial interest to us at this time. Strenuous efforts are being made, by organizations and individuals opposed to vaccination, to modify the laws relative to the admission of children to school. Under the laws now in force, if the parent or guardian of a child wishes to have him admitted to a public school, he

must either be vaccinated or present a certificate from a registered physician stating that the child should be exempted and the reason for such exemption. The opponents of vaccination would amend the laws so that a child could be admitted to school if the parent or guardian simply gave a written statement saying that they were opposed to vaccination. This amendment we believe is unwise and will fail to pass.

There have recently been amendments similar to this passed upon and defeated by the voters in several western states. Various health and welfare agencies fought the amendments vigorously. One of the strongest opponents of these measures was the Metropolitan Life Insurance Company which through its agents and by circularizing its policyholders assisted very greatly in defeating the propositions. This action simply reflects the general policy of the life insurance companies in assisting in the fight against preventable diseases. Such companies find that it is good business to do this and if it is good business for them to protect their policy holders, and incidentally their finances, surely it is also wise for the individual and the community to safeguard its health and life by using established and proven methods to protect themselves. We believe that this attitude is one of the strongest arguments for vaccination against smallpox and agree fully with the last paragraph of the above bulletin.

### Schick Test

At the request of those in charge, the children and attendants at one of the local orphanages were given the Schick Test early in the month. Of the one hundred and sixty tested, forty were found to be susceptible. These will be inoculated with toxin-antitoxin later to protect them against Diphtheria. The tests were made by Dr. Benjamin White, Director of the Division of Biologic Laboratories, and Dr. Charles W. Milliken, State District Health Officer of the Massachusetts Department of Public Health. The inoculations will be given by Dr. A. A. Keeley Diagnostician of this Board. The officials at the home are to be congratulated on taking this progressive step.

## MORTALITY FOR THE MONTH OF FEBRUARY, 1921

International List of Causes of Death, as Adopted at the Third International Congress for the Revision of the Classification of Causes of Death, Held at Paris, October, 1920.

L		•
1	Typhoid fever (abdominal typhoid and para-typhoid)	
	Typhoid fever (abdominal typhoid and para-typhoid)  0. Typhoid fever 1. Paratyphoid fevers Typhus fever (exanthematous) Relapsing fever (spirillum obermeieri) Melito—coccosis (Malta fever) Malarial fever or cachevia	1
2	Typhus fever (exanthematous)	
3	Relapsing fever (spirillum obermei-	
4	Melito—coccosis (Malta fever)	
5	Melito—coccosis (Malta fever) Malarial fever or cachexia.  0. Malarial fever 1. Malarial cachexia Smallpox Measles Scarlet fever Whooping cough Diphtheria Influenza Complications: 0. Pneumonia	
6	1. Malarial cachexia	
6	Measles	12
8	Scarlet fever	1
10	Diphtheria	1
11	Complications:	
	2. Heart diseases	
	3. Nephritis	
	o. Gastro intestinai	
12 13	7. Others	
14	Mumps Asiatic cholera	
15	Cholera nostras (choleriform enteritis)	
16	Dysentery	
	1. Bacillary	
	Dysentery  0. Amebic 1. Bacillary 2. Unspecified or due to other causes	
17	Plague	
	Plague 0. Bubonic 1. Pneumonic 2. Septicemio	
	2. Septicemic 3. Unspecified	
18	Yellow fever	
19 20		
21	Erysipelas Acute poliomyelitis Encephalitis lethargica Epidemic cerebro-spinal meningitis. Other epidemic diseases  0. Varicella	
23	Encephalitis lethargica	
24 25	Epidemic cerebro-spinal meningitis Other epidemic diseases	1
	0. Varicella	1
	2. Others	
26 27	Purulent or septicemic infection	
28	Malignant pustule (anthrax)	
29 30	Tetanus	
30 31 32	Mycoses	
02	tem	
	0. Varicella 1. Rubella 2. Others Purulent or septicemic infection. Glanders and farcy. Malignant pustule (anthrax) Rabies Tetanus Mycoses Tuberculosis of the respiratory system 0. Acute pulmonary tuberculosis 1. Other forms of tuberculosis of respiratory organs	
	1. Other forms of tuberculosis of respiratory organs	9
33	Tuberculosis of the meninges or of	
34	Tuberculosis of the meninges or of the central nervous system  Tuberculosis of the intestines or neritoneum	2
35	peritoneum	
36	Tuberculosis of the vertebral column Tuberculosis of the joints	
37	Tuberculosis of other organs and	
	Tuberculosis of the skin or subcutaneous cellular tissue     Tuberculosis of the bones	
	1. Tuberculosis of the bones	
	(except vertebral column).  2. Tuberculosis of the lymphatic system (except the	
	mesenteric and retroper- itoneal glands)	
	itoneal glands)  Tuberculosis of the genito- urinary system  Tuberculosis of other organs Disseminated tuberculosis	
60	4. Tuberculosis of other organs	
38	0 Acute (including miliary tu-	
	berculosis of the lungs, ex- cept that specified as	
	chronic or pulmonary)	
39	Synhilis (includes synhilic infection	
	of any organ, tissue or structure of the body)  O. Primary  Secondary	
	0. Primary	
	1. Secondary	
	3. Hereditary	
40	Soft chancre (used for morbidity	1
41	0. Primary 1. Secondary 2. Tertiary 3. Hereditary 4. Period not specified 5. Soft chancre (used for morbidity statistics only) Gonococcal infection except that of the eve or adnexa	
42	the eye or adnexa Gonococcal ophthalmia	
42	Gonococcai opiithaimia	

11	General Diseases Not Include	d
	Above.	
43	Cancer or other malignant tumors of the buccal cavity	
	of the buccal cavity	
	1. Cancer of the tongue	
	2. Cancer of the mouth	
	3. Cancer of the jaw	
44	Cancer or other malignant tumors	
	of the stomach and liver	
	U. Cancer of the prarynx	
	2. Cancer of the stomach	3
	3. Cancer of the liver and gall	
45	bladder	1
70	of the noritonoum intestines and	
	0. Cancer of the mesentery and peritoneum 1. Cancer of the intestines (except rectum) 2. Cancer of the rectum and	
	0. Cancer of the mesentery and	
	1. Cancer of the intestines (ex-	
	cept rectum)	
	z, cancer of the rectum time	1
	annus	
46	Cancer or other malignant tumors	
	of the female genital organs	
	fallonian tubes	1
	1. Cancer of the uterus	1
	2. Cancer of the vagina and	
	3. Others Cancer or other malignant tumors of the female genital organs 0. Cancer of the ovary and fallopian tubes 1. Cancer of the uterus 2. Cancer of the vagina and vulva 3. Others	
47	Cancer or other malignant tumors	
	of the breast	1
48	3. Others Cancer or other malignant tumors of the breast Cancer or other malignant tumors of the skin	
49		
	Cancer or other malignant tumors of other or unspecified organs 0. Cancer of the larynx 1. Cancer of the lung and pleura 2. Cancer of the pancreas 3. Cancer of the kidneys and suprarenals	
	0. Cancer of the larynx	
	pleura	
	2. Cancer of the pancreas	
	suprarenals	
	4. Cancer of the prostate	
	5. Cancer of the bladder	
	7. Cancer of the bones (except	
	suprarenals 4. Cancer of the prostate 5. Cancer of the bladder 6. Cancer of the brain 7. Cancer of the bones (except jaw) 8. Cancer of the testes 9. Others Benign tumors and tumors not returned as malignant (except be-	
	8. Cancer of the testes	2
50	Benign tumors and tumors not re-	~
	Benign tumors and tumors not returned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138).  0. Tumor of the brain.  1. Tumor of thorax  2. Tumor of abdomen  3. Tumor of bladder  4. Tumor of prostate  5. Tumor of other location  Acute febrile articular rheumatism.  Chronic rheumatism or gout  0. Chronic rheumatism.	
	the overv and uterus—136, 138)	
	0. Tumor of the brain	
	1. Tumor of thorax	
	3. Tumor of bladder	
	4. Tumor of prostate	
E 4	5. Tumor of other location	1
51 52	Chronic rheumatism or gout	1
-	0. Chronic rheumatism	
FA	1. Chronic gout	
53 54	Scurvy Pellagra	
55	Beri-beri	
56	Rickets	4
57 58	Diabetes Anemia, Chlorosis	3
-	0. Pernicious anemia	2
FO	1 Other anemias and chlorosis	
59 60	Diseases of the pituitary gland Diseases of the thyroid gland	
	0. Exophthalmic goitre	1
	Exophthalmic goitre     Other diseases of the thyroid gland	
61	roid gland Diseases of the parathyroid gland. Diseases of the thymus. Addison's disease (disease of the adrenals)	
62	Diseases of the thymus	
63	Addison's disease (disease of the	
64	adrenals) Diseases of the spleen Leukemia and Hodgkin's disease	
65	Leukemia and Hodgkin's disease	
	0. Leukemia 1. Hodgkin's disease	
66	Alcoholism (acute or chronic)	
67	Alcoholism (acute or chronic) Chronic poisoning by mineral sub-	
	stances 0. Chronic lead poisoning,	
	U. Chronic lead poisoning,	
68	1. Others Chronic poisoning by organic substances	
	stances	
69	Other general diseases	
	2. Autointoxications	
	3. Hemophilia4. Purpura hemorrhagica	
	5. Others	

111		
111	Diseases of the Nervous Syste and Organs of Special Sense.	m
70		
70 71	Encephalitis	
, ,	0. Simple	2
	Meningitis  0. Simple 1. Non-epidemic cerebro - spin- al meningitis  Progressive locomotor ataxia (tabes	
72	Progressive locomotor ataxia (tabes	
73	Other diseases of the spinal cord	
,	0. Bulbar paralysis (Duchen-	
	1. Paralysis agitans (Parkin-	
	son's disease)	
	2. Acute ascending spinal par- alysis (Landry's disease).	
	3. Myelitis	
74	4. Others Cerebral hemorrhage, apoplexy	
74	0. Cerebral hemorrhage	2
	1 Carabral thrombosis and am-	
75	Paralysis (without appaids)	4
10	0. Hemiplegia	
	Paralysis (without specified cause)  0. Hemiplegia  1. Other forms of paralysis  General paralysis (of the insane)  Other forms of montal planting	
76	Other forms of mantal alianation	
77 78	Other forms of mental alienation.  Epilepsy Convulsions (non-puerperal) (5 years and over) Infantile convulsions (under five years of age) Charge	
79	Convulsions (non - puerperal) (5	
90	years and over)	
80	years of age)	
81	Chorea	
	0. Chorea 1. Hysteria and neuralgia 2. Neuritis	
	2. Neuritis	
82	2. Neuritis	
83	Other diseases of the nervous sys-	
84	Diseases of the organs of vision and	
	adnexa except gonococcal infec-	
	tion, No. 42	
	tumor)	
	tion, No. 42  0. Diseases of the eye (except tumor)  1. Follicular conjunctivitis  2. Trachoma	
1	2. Trachoma 3. Tumors of the eye 4. Other diseases of the eye or	
	4 Other diseases of the eve or	
	its adnexa	
85	and the masteid process	
	0. Diseases of the ear	
	1. Diseases of the mastoid	
***	process	
IV	Diseases of the Circulatory Syste	m
86 87	Pericarditis Acute endocarditis and myocarditis	
	0. Acute endocarditis	1
88	1. Acute myocarditis	-
	Angino postoria	
89	Angina pectoris	2
89	Angina pectoris Other diseases of the heart  0. Chronic endocarditis	2
89	Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis	
89	Other diseases of the heart  0. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of the heart	2
90	Other diseases of the heart  0. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of the heart	2 2 3
	Other diseases of the heart  O. Chronic endocarditis  Chronic myocarditis  Other chronic diseases of the heart  Aneurism  Atheroma and other diseases of the	2 2 3 12
90	Other diseases of the heart  0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart  Aneurism  Atheroma and other diseaser of the arteries  Embelism and thrombosis (except	2 2 3
90 91 92	Other diseases of the heart  0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart  Aneurism  Atheroma and other diseaser of the arteries  Embelism and thrombosis (except	2 2 3 12
90 91	Other diseases of the heart  0. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of the heart  Aneurism  Atheroma and other diseaser of the arteries  Embolism and thrombosis (except cerebral)  Diseases of the veins (varices, hemorphoids phelabitis etc.)	2 2 3 12
90 91 92	Other diseases of the heart  0. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of the heart  Aneurism  Atheroma and other diseaser of the arteries  Embolism and thrombosis (except cerebral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system	2 2 3 12
90 91 92 93	Other diseases of the heart  0. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of the heart  Aneurism  Atheroma and other diseaser of the arteries  Embolism and thrombosis (except cerebral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system	2 2 3 12
90 91 92 93	Other diseases of the heart  0. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of the heart  Aneurism  Atheroma and other diseaser of the arteries  Embolism and thrombosis (except cerebral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system	2 2 3 12
90 91 92 93 94	Other diseases of the heart  0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system.	2 2 3 12 4
90 91 92 93 94	Other diseases of the heart  0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system.	2 2 3 12 4
90 91 92 93 94	Other diseases of the heart  O. Chronic endocarditis  Chronic myocarditis  Other chronic diseases of the heart  Aneurism  Atheroma and other diseaser of the arteries  Embolism and thrombosis (except cerebral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system (lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the circulatory system.	2 2 3 12 4
90 91 92 93 94	Other diseases of the heart  0. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of the heart  Aneurism  Atheroma and other diseaser of the arteries  Embolism and thrombosis (except cerebral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system (lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the circulatory system.  Diseases of the Respiratory System Diseases of the nasal fossae and their adnexa	2 2 3 12 4
90 91 92 93 94 95 V.—	Other diseases of the heart  0. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of the heart  Aneurism  Atheroma and other diseaser of the arteries  Embolism and thrombosis (except cerebral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system (lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the circulatory system.  Diseases of the Respiratory System Diseases of the nasal fossae and their adnexa	2 2 3 12 4
90 91 92 93 94	Other diseases of the heart  0. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of the heart  Aneurism  Atheroma and other diseaser of the arteries  Embolism and thrombosis (except cerebral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system (lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the circulatory system.  Diseases of the Respiratory System Diseases of the nasal fossae and their adnexa	2 2 3 12 4
90 91 92 93 94 95 V.— 96	Other diseases of the heart  0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart  Aneurism  Atheroma and other diseaser of the arteries  Embolism and thrombosis (except cerebral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system (lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the circulatory system.  Diseases of the Respiratory System  Diseases of the nasal fossae and their adnexa 0. Diseases of the nasal fossae 1. Others  Diseases of the larynx (except tuberculosis and caneer	2 2 3 12 4
90 91 92 93 94 95 V.—	Other diseases of the heart  0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseases of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system  Diseases of the Respiratory System Diseases of the Respiratory System Diseases of the nasal fossae and their adnexa 0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer	2 2 3 12 4
90 91 92 93 94 95 V.— 96	Other diseases of the heart  0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseases of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system  Diseases of the Respiratory System Diseases of the Respiratory System Diseases of the nasal fossae and their adnexa 0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer	2 2 3 12 4
90 91 92 93 94 95 V.— 96	Other diseases of the heart  0. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of the heart  Aneurism  Atheroma and other diseases of the arteries  Embolism and thrombosis (except cerebral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system (lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the circulatory system.  Diseases of the Respiratory System  Diseases of the nasal fossae and their adnexa  0. Diseases of the larynx (except tuberculosis and cancer Bronchitis  0. Acute  1. Chronic	2 2 3 112 4
90 91 92 93 94 95 V.— 96	Other diseases of the heart  0. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of the heart  Aneurism  Atheroma and other diseases of the arteries  Embolism and thrombosis (except cerebral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system (lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the circulatory system.  Diseases of the Respiratory System  Diseases of the nasal fossae and their adnexa  0. Diseases of the larynx (except tuberculosis and cancer Bronchitis  0. Acute  1. Chronic	2 2 3 12 4
90 91 92 93 94 95 V.— 96	Other diseases of the heart  0. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of the heart  Aneurism  Atheroma and other diseases of the arteries  Embolism and thrombosis (except cerebral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system (lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the circulatory system.  Diseases of the Respiratory System  Diseases of the nasal fossae and their adnexa  0. Diseases of the larynx (except tuberculosis and cancer Bronchitis  0. Acute  1. Chronic	2 2 3 112 4
90 91 92 93 94 95 V.— 96	Other diseases of the heart  0. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of the heart  Aneurism  Atheroma and other diseases of the arteries  Embolism and thrombosis (except cerebral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system (lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the circulatory system.  Diseases of the Respiratory System  Diseases of the nasal fossae and their adnexa  0. Diseases of the larynx (except tuberculosis and caneer Bronchitis  0. Acute  1. Chronic	2 2 3 112 4
90 91 92 93 94 95 V.— 96	Other diseases of the heart  0. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of the heart  Aneurism  Atheroma and other diseases of the arteries  Embolism and thrombosis (except cerebral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system (lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the circulatory system.  Diseases of the Respiratory System  Diseases of the nasal fossae and their adnexa  0. Diseases of the larynx (except tuberculosis and caneer Bronchitis  0. Acute  1. Chronic	2 2 3 112 4
90 91 92 93 94 95 V.— 96	Other diseases of the heart  0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system  Diseases of the Respiratory System Diseases of the nasal fossae and their adnexa 0. Diseases of the nasal fossae and their adnexa 1. Others Diseases of the larynx (except tuberculosis and cancer Bronchitis 0. Acute 1. Chronic 2. Not otherwise defined under 5 years of age. 3. Not otherwise defined, 5 years and over. Broncho pneumonia (including capillary bronchitis) 0. Broncho pneumonia 1. Capillary bronchitis	2 2 3 112 4
90 91 92 93 94 95 V.— 96	Other diseases of the heart  0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system  Diseases of the Respiratory System Diseases of the nasal fossae and their adnexa 0. Diseases of the nasal fossae and their adnexa 1. Others Diseases of the larynx (except tuberculosis and cancer Bronchitis 0. Acute 1. Chronic 2. Not otherwise defined under 5 years of age. 3. Not otherwise defined, 5 years and over. Broncho pneumonia (including capillary bronchitis) 0. Broncho pneumonia 1. Capillary bronchitis	2 2 3 112 4
90 91 92 93 94 95 V.— 96	Other diseases of the heart  0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Diseases of the diseases of the circulatory system  Diseases of the Respiratory System Diseases of the nasal fossae and their adnexa  0. Diseases of the nasal fossae and their adnexa 1. Others Diseases of the larynx (except tuberculosis and cancer Bronchitis 0. Acute 1. Chronic 2. Not otherwise defined under 5 years of age. 3. Not otherwise defined, 5 years and over Broncho pneumonia (including capillary bronchitis) 0. Broncho pneumonia 1. Capillary bronchitis Pneumonia 0. Lobar	2 2 3 112 4
90 91 92 93 94 95 V.— 96	Other diseases of the heart  O. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of the heart  Aneurism  Atheroma and other diseaser of the arteries  Embolism and thrombosis (except cerebral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system (lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the circulatory system.  Diseases of the Respiratory System  Diseases of the nasal fossae and their adnexa  O. Diseases of the larynx (except tuberculosis and caneer  Bronchitis  O. Acute  1. Chronic  2. Not otherwise defined under 5 years of age.  3. Not otherwise defined under 15 years of age.  3. Not otherwise defined of 10 years and over.  Broncho pneumonia (including capillary bronchitis)  O. Broncho pneumonia  O. Lobar  Pleurisy  1. Not otherwise specified.	2 2 3 112 4
90 91 92 93 94 95 V.— 96 97 98	Other diseases of the heart  0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseases of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system  Diseases of the Respiratory System Diseases of the nasal fossae and their adnexa 0. Diseases of the nasal fossae and their adnexa 1. Others Diseases of the larynx (except tuberculosis and cancer Bronchitis 0. Acute 1. Chronic 2. Not otherwise defined under 5 years of age. 3. Not otherwise defined, 5 years and over. Broncho pneumonia (including capillary bronchitis) 0. Broncho pneumonia 1. Capillary bronchitis Pneumonia 0. Lobar 1. Not otherwise specified.	2 2 3 112 4

			······································		
102	Congestion or parenchymatous hem-		2. Other accidents of preg-		2. Carbolic acid
103	Gangrene of the lung	144	nancy		3. Cocaine
104	Asthma 1		Other accidents of childbirth		5. Opium (morphine)
105 106	Emphysema of the lung Other diseases of the respiratory		0. Cesarian section		6. Wood alcohol
100	system (tuberculosis excepted)		1. Other surgical operations and instrumental delivery		8. Not specified or unknown
	0. Chronic interstitial pneumo-		2. Others	178	Conflagration
	nia (including occupational diseases of the lung)	146 147	Puerperal septicemia	179	Accidental burns and scalds (con- flagration excepted)
	1. Diseases of the mediasti-	177	embolism or sudden puerperal		0. Stoves 1
	num	1/10	death Puerperal albuminuria or convul-		1. Lamps
371		140	sions		3. Hot fluids
	Diseases of the Digestive System.	149	Childbirth (without other explana-		4. Matches
107	Diseases of the mouth and adnexa.  0. Diseases of the teeth and	150	tion)		5. Bonfires
	gums	1		100	7. Unknown
	1. Other diseases of the buccal cavity and adnexa	IA.	Diseases of the Skin or Cellular	180	Accidental mechanical suffocation  0. Foreign body in larynx
108	Diseases of the pharynx and tonsils		Tissue.		1. Overlying
	(includes adenoids)	151	Gangrene	181	2. Others Accidental absorption of irrespir-
	1. Ludwig's angina	152	Boil, carbuncle, furuncle Phlegmon, acute abscess		able or poisonous gas
	2. Tonsilitis	154:	Tinea and alopecia (morbidity	1	0. Illuminating gas
	4. Others	15/1	only) Pruritis (morbidity only)		2. Coal gas
109 110	Diseases of the esophagus Ulcer of the stomach and duode-	155	Other diseases of the skin and its		3. Ammonia fumes
110	num		adnexa 1		5. Other gases
	0. Ulcer of the stomach 1 1. Ulcer of the duodenum	X	-Diseases of the Bones and Organs	182	6. Unknown
111	Other diseases of the stomach (can-		of Locomotion.	102	0. Rivers, ponds, etc
	cer excepted			102	1. Others
	0. Indigestion	156	Diseases of the bones (tubercu- losis excepted)	183	Accidental injury by firearms (wounds of war excepted)
	2. Stricture or stenosis of py-	157	Diseases of the joints (tubercu-	184	Accidental injury by cutting or piercing instruments
	lorus	158	losis and rheumatism excepted) Other diseases of the bones or or-	185	Accidental injury by falls
112	3. Others	100	gans of locomotion		0. Down shafts, hatchways,
113	years of age)		XI.—Malformations.		holds of vessels
	over)	450			2. From buildings
114 115	Ankylostomiasis	159	Congenital malformations (still-births excepted)		3. From fire-escapes
. 10	parasites		0. Hydrocephalus		5. From windows
	0. Cestodes (hydatids of the liver excepted)		1. Malformations of the heart 5 2. Others 3		6. From vehicles
	1. Trematodes				9. Other falls
	2. Nematodes (other than an-	400	XII.—Diseases of Early Infancy.	186	Accidental traumatism in mines and
	kylostoma)	160	Congenital debility, icterus and sclerema		quarries
	3. Coccidia		0. Marasmus 1	407	1. In quarries
116	5. Parasites not specified Appendicitis and typhlitis		1. Inanition 2. Icterus	187	Accidental traumatism by machines 0. Deaths by machinery
	Hernia, intestinal obstruction		3. Sclerema	400	1. Deaths by elevators
	0. Hernia	161	4. Others 1 Premature birth, or consequence of	188	Accidental traumatism by other crushing (vehicles, railways,
118	Other diseases of the intestines	101	labor		landslides, etc.)
	0. Diseases of the anus and stercoral fistulae 1		0. Premature birth 8		0. Run over by wagons, trucks, etc.
	1. Other diseases of the intes-	162	1. Injury at birth		1. Run over by automobiles
119	Acute yellow atrophy of the liver		fancy		2. Run over by other vehicles 3. Run over by electric surface
120	Hydatid tumor of the liver		0. Asphyxia neonatorum 1 1. Atelectasis 1		cars 1
121	Cirrhosis of the liver		2. Umbilical infection		4. Run over by steam railroad
	1. Not returned as alcoholic		3. Umbilical hemorrhage 3		5. Run over by elevated rail-
122 123	Biliary calculi	163	Lack of care		road cars
124	Diseases of the pancreas except		XIII.—Old Age.		7. Crushed by falling bodies. 8. Crushed by derricks, stones,
	cancer	164	Old age (senility)		8. Crushed by derricks, stones, etc.
126	Other diseases of the digestive				9. Other causes
	system (cancer and tuberculosis excepted)	165	XIV.—External Causes. Suicide by solid or liquid poisons	189 190	Injuries by animals (not poisoning) Wounds received in war
3777		103	(corrosive substances excepted)	191	Executions of civilians by bellig-
VII	-Non-Venereal Diseases of the		0. Opium, morphine	102-	erent armies Excessive labor
	Genito-Urinary System and		1. Strychnine	192b	Starvation (deprivation of food or
	its Adnexa.	166	3. Otners	193	water)
127	Acute nephritis (including unspeci-	100	Suicide by corrosive substances  0. Arsenic (paris green)	194	Excessive heat
128	fied under 10 years of age) Chronic nephritis (including un-		1. Bichloride of mercury	195 196	Lightning Other accidental electric shocks
	specified over 10 years of age 7		2. Carbolic acid	197	Homicide by firearms
129 130	Other diseases of the kidneys and		4. Oxalic acid	198	Homicide by cutting or piercing in- struments
	their adnexa (diseases of the		acid)	199	Homicide by other means
131	kidney in pregnancy excluded) Calculi of the urinary passages	167	6. Other corrosive poisons	200	Infanticide (murder of infants less
132	Diseases of the bladder (except	107	Suicide by poisonous gas  0. Illuminating gas	201	than 1 year of age)
133	tumors) Diseases of the urethra, urinary		1. Chloroform		0. Dislocations
100	abcess, etc		2. Coal gas 3. Others		1. Sprains
	0. Stricture of the urethra 1. Others	168	Suicide by hanging or strangulation	200	fied)
134	Diseases of the prostate (except	169	Suicide by drowning	202	Other external violence 0. Criminal abortion
135	tumors)	170	1. Others		1. Explosions
	genital organs	170 1 <b>7</b> 1	Suicide by firearms Suicide by cutting or piercing in-		2. Salvarsan injection 3. Other medicaments (injec-
136	Cysts and other benign tumors of		struments		tion)
137	the ovary	172	places	203	4. Other external violence Violent deaths of which the cause
138	Benign tumors of the uterus	173	Suicide by crushing		is unknown
139 140	Non-puerperal uterine hemorrhage. Metritis	174 175	Other suicides		XVIll-Defined Diseases.
141	Other diseases of the female genital		0. Mushrooms		
142	organs		1. Shell fish	204	Sudden death 1
	Non-puerperal diseases of the breast (cancer excepted)	474	3. Others	205	Cause of death not specified or ill-defined
	VIII.—The Puerperal State.	176	Poisoning by venomous animals Other acute accidental poisonings		U. III-denned or not specified
143	Accidents of pregnancy		(gases excepted)		<ol> <li>No disease; malingering</li> <li>Surgical operation</li> </ol>
	0. Abortion		0. Ethyl alcohol		TOTAL153
	S. Essay Boston (1000)		and the more day		101AL183

### CONTAGIOUS HOSPITAL REPORT FOR FEBRUARY, 1921

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat	Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Whooping Cough	Gonorrhea	Syphillis	Suppurative Conjunctivitis	Tetanus	Total
Patients admitted Termination { Recovery Death	****	2	****	****	5 4 	****	****	1	••••	****	12 5 	****	****	·	••••	****		****	20 9 1

DEATHS BY AGES		
Total	Males	Females
Under 1 day 7	5	2
1-2 days 1	1	0
2-3 days 1	1	0
3 days-1 week 6	4	2
1-2 weeks 3	3	0
2-3 weeks 2	1	1
3 wks-1 month 2	1	1
1-2 months	0	3
2-3 months 1	1	0
3-6 months 5	1	4
6-9 months 4	0	4
9-12 months	4	3
1 year19	11	8
2 years 2	1	1
3 years 2	2	0
4 years	4	0
5-9 years	1	3 4
20 22 /	2	0
20 10 / 0210	0	2
	1	2
25-29 years	0	1
35-39 years 6	3	3
40-44 years 6	4	2
45-49 years	3	2
50-54 years	0	7
55-59 years11	10	i
60-64 years	4	4
65-69 years 8	4	4
70-74 years11	6	5
75-79 years 5	2	3
80-84 years 2	0	2
85-89 years 2	2	0
90-94 years		
95-99 years		
100 +		
Unknown		
Total153	79	74

	DEAT	HS B	Y WA	RDS
1	••••			29
2				13
3				20
4				9
5				8
6				19
7				5
3				15 35
y				99

HOSPITALS
City Hospital 9
Union Hospital 9
St. Anne's Hospital
Bay View Hospital 2
Truesdale Hospital
Contagious Hospital 1
City Home
STILL BIRTHS
Males 5
Females
Unknown
Total 8
1000
NATIVITY
Fall River92
Massachusetts 6
Other States 9
Ireland 6
Canada
England 9
Scotland 2
Germany
Azores12
Austria
France
Belgium
Russia
Portugal
Italy
Poland
Mexico
Australia
Sweden
Spain
Greece
Brazil
Syria
Wales 1
New Brunswick
Unknown

CEMETERIES
Oak Grove30
North Burial Ground 6
St. John's 4
St. Mary's 1
St. Patrick's
Notre Dame
Read Burial Ground
Our Lady of Light 1
St. Mary's (Polish) 1
Sent away for interment 5
Brought here for interment31
SEX
Male
Male         79           Female         74
COLOR
White153
Colored
CONDITION
Married40
Single         91           Widowed         20
Divorced
Unknown
There were 277 cases of contagious diseases
There were 277 cases of contagious diseases reported for Feb., viz:
There were 277 cases of contagious diseases reported for Feb., viz:  Diphtheria
There were 277 cases of contagious diseases reported for Feb., viz:  Diphtheria
There were 277 cases of contagious diseases reported for Feb., viz:  Diphtheria 21 Scarlet Fever 31 Typhoid Fever 11
There were 277 cases of contagious diseases reported for Feb., viz:  Diphtheria 21 Scarlet Fever 31 Typhoid Fever 11 Tuberculosis of Lungs 12
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There were 277 cases of contagious diseases reported for Feb., viz:  Diphtheria
There were 277 cases of contagious diseases reported for Feb., viz:           Diphtheria         21           Scarlet Fever         31           Typhoid Fever         11           Tuberculosis of Lungs         12           Tuberculosis, other forms         3           Whooping Cough         39           Measles         102           Ophthalmia Neonatorum         1           Suppurative Conjunctivitis         2           Chicken Pox         14           Anterior Poliomyelitis         1
There were 277 cases of contagious diseases reported for Feb., viz:  Diphtheria 21 Scarlet Fever 31 Typhoid Fever 11 Tuberculosis of Lungs 12 Tuberculosis, other forms 3 Whooping Cough 39 Measles 102 Ophthalmia Neonatorum 1 Suppurative Conjunctivitis 2 Chicken Pox 14 Anterior Poliomyelitis 2 Cerebro-Spinal Meningitis 2
There were 277 cases of contagious diseases reported for Feb., viz:  Diphtheria
There were 277 cases of contagious diseases reported for Feb., viz:           Diphtheria         21           Scarlet Fever         31           Typhoid Fever         11           Tuberculosis of Lungs         12           Tuberculosis, other forms         3           Whooping Cough         39           Measles         102           Ophthalmia Neonatorum         1           Suppurative Conjunctivitis         2           Chicken Pox         14           Anterior Poliomyelitis         2           Cerebro-Spinal Meningitis         2           Pneumonia, Lobar         24           Mumps         3
There were 277 cases of contagious diseases reported for Feb., viz:           Diphtheria         21           Scarlet Fever         31           Typhoid Fever         11           Tuberculosis of Lungs         12           Tuberculosis, other forms         3           Whooping Cough         39           Measles         102           Ophthalmia Neonatorum         1           Suppurative Conjunctivitis         2           Chicken Pox         14           Anterior Poliomyelitis         2           Cerebro-Spinal Meningitis         2           Pneumonia, Lobar         24           Mumps         3           Septic Sore Throat
There were 277 cases of contagious diseases reported for Feb., viz:           Diphtheria         21           Scarlet Fever         31           Typhoid Fever         11           Tuberculosis of Lungs         12           Tuberculosis, other forms         3           Whooping Cough         39           Measles         102           Ophthalmia Neonatorum         1           Suppurative Conjunctivitis         2           Chicken Pox         14           Anterior Poliomyelitis         2           Cerebro-Spinal Meningitis         2           Pneumonia, Lobar         24           Mumps         3           Septic Sore Throat         1nfluenza           Influenza         5
There were 277 cases of contagious diseases reported for Feb., viz:  Diphtheria 21 Scarlet Fever 31 Typhoid Fever 11 Tuberculosis of Lungs 12 Tuberculosis, other forms 3 Whooping Cough 39 Measles 102 Ophthalmia Neonatorum 1 Suppurative Conjunctivitis 2 Chicken Pox 14 Anterior Poliomyelitis 2 Pneumonia, Lobar 24 Mumps 3 Septic Sore Throat 1 Influenza 5 German Measles 3
There were 277 cases of contagious diseases reported for Feb., viz:  Diphtheria
There were 277 cases of contagious diseases reported for Feb., viz:           Diphtheria         21           Scarlet Fever         31           Typhoid Fever         11           Tuberculosis of Lungs         12           Tuberculosis, other forms         3           Whooping Cough         39           Measles         102           Ophthalmia Neonatorum         1           Suppurative Conjunctivitis         2           Chicken Pox         14           Anterior Poliomyelitis         2           Cerebro-Spinal Meningitis         2           Pneumonia, Lobar         24           Mumps         3           Septic Sore Throat         1           Influenza         5           German Measles         3           Lethagica Encephalitis         1           Dog Bite         3           Gonorrhoea         3
There were 277 cases of contagious diseases reported for Feb., viz:           Diphtheria         21           Scarlet Fever         31           Typhoid Fever         11           Tuberculosis of Lungs         12           Tuberculosis, other forms         3           Whooping Cough         39           Measles         102           Ophthalmia Neonatorum         1           Suppurative Conjunctivitis         2           Chicken Pox         14           Anterior Poliomyelitis         2           Cerebro-Spinal Meningitis         2           Pneumonia, Lobar         24           Mumps         3           Septic Sore Throat         Influenza         5           German Measles         3           Lethagica Encephalitis         1           Dog Bite         3

The following is the number of contagious diseases reported in each ward:

1-37 2-55 8-23 4-29 5-24 6-17 7-11 8-23 9-58

Estimating the population at 124,843, 153 deaths would give an annual death rate of 14.71 in 1,000.

This is 24 less than last month and 39 less than the same month in 1920.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

614.09 F195 UNIVERSITY OF PERSONS LIGHT



# MONTHLY BULLETIN

— OF THE —

## BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS.

SAMUEL B. MORRISS, AGENT.

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VOLUME VI

**APRIL 1921** 

NUMBER IV

### F. F's.

No, we are not writing of the sturdy virtues of our pioneer "First Families", no indeed! In this article, the "F. F's" we are concerned with are the "Filthy Flies". In our early school days, we remember reading in one of our school books a little poem in which Baby Bye's attention was called to the harmless fly and was warned not to hurt it. We sincerely hope that Baby Bye has long since forgotten those instructions and instead joins with its brothers and sisters in following out the more modern teaching which has made popular the slogan "Swat the Fly".

It is not so many years ago since the Filthy Fly has been tried at the Bar of Public Opinion, found guilty and sentenced to death but although no appeal has been formally made from this decision, the Supreme Court of the State of Maine has concurred in it.

The case passed on by this Judicial Body was one in which a contract had been made for hotel accommodation. Upon arrival at the hotel, the guest found to his disgust that the hotel and especially the dining room was so swarmed with flies as to be an annoyance and a serious menace to the health of his family and self. As a result he left and sought accommodations elsewhere. Suit was entered to hold him to his contract and the case was finally appealed to the Supreme Court of the State which held that the guest was justified in his action. The Court's opinion of the Fly was that it is "not only one of the most annoying and repulsive insects but one of the most dangerous in its capacity to gather, carry and disseminate the germs of disease. He is the meanest of all scavengers. He delights in revelling in all kinds of filth, the greater the putrescence, the more to his taste. A single fly may so contaminate the food, milk or dish as to communicate a dangerous or even a deadly disease." . Not only did the Court pay its respects to the Fly and and its filthy habits, but it also held that damages could be sought from a hotel which permitted flies. The opinion of the Court being that the accommodations should include "such sanitary conditions as are calculated to render the surroundings inviting and wholesome rather than repulsive and deleterious to health".

If there were no filth and dirt, there would be no flies. If everyone realized this and was careful enough about the interior and exterior of their homes there would be no fly menace and less disease. However as many people are still careless, it is necessary for the careful ones to screen their homes in addition to keeping them clean. They must not only try to prevent flies from breeding on their premises, they must also keep out the flies that come from their careless neighbors by way of open manure bins, uncovered garbage cans and other filthy places. And even with these

precautions, it is also necessary to Swat the Fly. Swat them early and often. The earlier you swat them the fewer there will be to swat later. It is figured that because of the rapid manner in which they propagate one fly swatted in the spring is worth 137,000,000 swatted in the late summer.

### Decayed Teeth and Children's Diseases.

That decayed teeth are very strong predisposing causes to the "catching" of measles, scarlet fever, pneumonia, mumps, or other childish diseases is strongly urged by the U. S. Public Health Service, which cites very considerable reductions in those diseases in cities where dental clinics have been established in the schools. At Bridgeport, Conn., for instance, diphtheria has been lessened 8 per cent. At an orphanage in Boston these diseases, which had annually afflicted about one third of the 325 inmates, practically disappeared after eight months dental work. The absorption of pus from rotting teeth had weakened the children and made them easy victims to diseased germs; and the cleaning up of this increased their powers of resistance.

### Sleep Requirements of Children.

No child nutrition worker, says the U.S. Public Health Service, can hope to get satisfactory results without insisting on enough sleep for her charges. Besides damaging the nervous system late hours cause "sleep hunger" and make children nervous and fidgety. The Service commends the following precepts just issued by the London County Council: School children aged four years need twelve hours sleep a day; aged five to seven, 11 to 12 hours; eight to eleven, 10 to 11 hours; and twelve to fourteen, 9 to 10 hours. Children grow mainly while sleeping or resting-do you want yours to grow up stunted? Tired children learn badly and often drift to the bottom of the class-do you want yours to grow up stupid? When children go to bed late their sleep is often disturbed by dreams and they do not get complete rest-do you want yours to sleep badly and become nervous? Sufficient sleep draws a child onward and upward in school and in home life. Insufficient sleep drags it backward and downward:-which way do you want your child to go? Tiresome children are often only tired children; test the truth of this. That a neighbor's child is sent to bed late is not a good reason for sending your child to bed late; two wrongs do not make a right. Going to bed late is a bad habit, which may be difficult to cure; persevere till you succeed in curing

# MORTALITY FOR THE MONTH OF MARCH, 1921

International List of Causes of Death, as Adopted at the Third International Congress for the Revision of the Classification of Causes of Death, Held at Paris, October, 1920.

		-
1	.—Endemic or Infectious Diseases. Typhoid fever (abdominal typhoid and para-typhoid)	
	and para-typhoid) 0. Typhoid fever 1. Paratyphoid fevers	
2 3	Typhus fever (exanthematous)	
4	Relapsing fever (spirillum obermei- eri)	
5	Malarial fever or cachexia  0. Malarial fever 1. Malarial cachexia	
6	1. Malarial cachexia	
7	Smallpox Measles	
8 9	Scarlet fever Whooping cough Diphtheria	,
10 11	Illindeliza	ľ
	Complications: 0. Pneumonia	
	1. Bronchitis	
	3. Nephritis	
	5. Gastro intestinal 6. Puerperal	
12	7. Others	
13 14	Mumps Asiatic cholera Cholera nostras (choleriform en-	
15	Cholera nostras (choleriform enteritis)	
16	Dysentery	
	Dysentery  0. Amebic 1. Bacillary 2. Unspecified or due to other causes	
17	causes	
	0. Bubonic	
	1. Pneumonic 2. Septicemic 3. Unspecified	
18 19	Ictero-hemorrhagica spirochetosis.	
20	Leprosy	
22	Leprosy Erysipelas Acute poliomyelitis Encephalitis lethargica	
24 25	Epidemic cerebro-spinal meningitis Other epidemic diseases	
	1. Ruhella	
26	2. Others Purulent or septicemic infection Glanders and farcy. Malignant pustule (anthrax)	
27 28	Glanders and farcy	
29 30		
31	Tetanus Mycoses Tuberculosis of the respiratory system	
	v. Acute pulmonary tubercu-	
	1. Other forms of tuberculosis	
33	of respiratory organs  Tuberculosis of the meninges or of the central nervous system	5
34	Tuberculosis of the intestines or	
35	Tuberculosis of the vertebral column Tuberculosis of the joints	
3 <b>6</b> 37	Tuberculosis of other organs and	
	structures	
	subcutaneous cellular tissue  1. Tuberculosis of the bones	
	(except vertebral column).  2. Tuberculosis of the lymphatic system (except the	
	3. Tuberculosis of the genito-	
00	mesenteric and retroperitoneal glands)	
38	0. Acute (including miliary tu-	
	cept that specified as	
39	chronic or pulmonary) 1. Chronic	
29	of any organ, tissue or structure	
	of any organ, tissue or structure of the body)  0. Primary 1. Secondary	
	2. Tertiary	
40	3. Hereditary 4. Period not specified Soft chancre (used for morbidity statistics only) Gonococcal infection except that of	
41	statistics only)	
42	the eye or adnexa	

1	I.—General	A 7				1
43	Cancer or of the bu 0. Canc 1. Canc 2. Canc 3. Canc 4. Othe Cancer or of the str 0. Canc 1. Canc 2. Canc 2. Canc date Cancer or of the str 0. Canc cancer or of the str 0. Canc cancer of the str 0. Canc cancer of the pe	other	mal	ienant	tumors	
,,	of the bu	ecal	cavit	у		
	0. Cand	er of	the	tong	ue	
	2. Cano	er of	the	mout	h	
	4. Othe	rs	the	jaw.		
44	Cancer or	other	mal	ignant	tumors	
	0. Cano	er of	the	phary	nx	
	1. Cano	er of	the	esoph	agus	5
	3. Cano	er of	the	liver	and gall	
45	Cancer or	dder .	mali		fumore	1
75	of the pe	ritone	um,	intest	ines and	
	of the perectum 0. Cand	er of	the 1	mesen	tery and	
	per	itoneu	m .			
	1. Cano	er or t rect	the i	intesti	nes (ex-	2
	2. Cano	er of	the	rect	um and	
	3. Other	us				1
46	Cancer or	other	mali	ignant	tumors	
	or the rei	male (	genit	al org	rans	
	fall	opian	tube	s		
	1. Cane 2. Cane	er of	the	uterus vag	ina and	1
	vul	va				
47	3. Othe Cancer or of the fer 0. Cance fall 1. Cance 2. Cance vul 3. Othe Cancer or of the bre Cancer or of the skir	rs other	mali	enant	tumors	
	of the bre	ast				
48	of the ski	otner n	mali	gnant	tumors	1
49	Cancer or of the skir Cancer or of other o 0. Canc 1. Canc plet 2. Canc 3. Canc	other	mali	gnant	tumors	
	of other o	r uns	pecin the	ed or	gans	
	1. Canc	er o	f th	e lu	ng and	
	2. Canc	er of	the	oanere	as	
	3. Canc	er of	the	kidn	eys and	
	4. Canc	rarena er of	the	prosta	ate der (except	
	5. Cane	er of	the	blade	ler	
	6. Cane 7. Cane	er of	the	bones	(except	
	Ja W	,				
	8. Canc 9. Other Benign turned as nign or 1 the ovary 0. Turn 1. Turne 2. Turne 4. Turne 5. Turn Acute febril Chronic rhee	rs	····	teste	S	3
50	Benign tum	ors an	id tu	imors	not re-	
	nign or i	non-sp	ecifie	ed tu	mors of	
	the ovary	and	uteru	18130 hrain	5, 138)	
	1. Tumo	or of	thor	ax		
	2. Tumo	or of	abdo	men.		
	4. Tume	or of	pros	state.		
51	Acute febril	or of e arti	othe	r loca	matism	
52	Chronic rhe	umatis	m o	r gou	t	
	0. Chron	nic rh	euma	itism		
53	Scurvy					
54 55	Rori-heri					
56	Rickets					1
57 58	Anemia. Chl	lorosis				2
	0. Perni	cious	anen	nia		2
59	Diseases of	the p	nias Situit	and c	land	
60	Rickets Diabetes Anemia, Chl 0. Perni 1. Other Diseases of Diseases of 0. Exop	the t	hyro	id gla	nd	
	1. Other	r dise	eases	of t	he thy-	
61	1. Other roid Diseases of Diseases of Addison's dadrenals)	glar	id .		elond	
62	Diseases of	the	thym	ius	gianu	
63	Addison's d	isease	(d:	isease	of the	
64	adrenals) Diseases of Leukemia a	the s	pleer	1		
65	Leukemia a	nd H	odgk	in's (	disease	
	0. Leuk 1. Hodg Alcoholism ( Chronic poi	kin's	dise	ase .		
6 <b>6</b>	Alcoholism (	acute	or	hroni	c)	1
07	stances .		Бу		sup-	
	0. Chro	nic le	ad r	oisoni	ing	
58	Chronic poi	soning	by	organ	nic sub-	
69	stances . 0. Chro 1. Othe Chronic pol stances . Other gener 0. Acide	al die		9		
1019	0. Acido	osis .	·····		ns	
	1. Amyl	loid d				
	3. Hemo	ophilia			a	
	4. Purpu 5. Other	ra he	mori	rnagic	a , , ,	1

III		
	Diseases of the Nervous Syst	e m
	and Organs of Special Sense.	~===
70	and the second s	
70 71	Encephalitis	1
	0. Simple	1
	1. Non-epidemic cerebro - spin-	. 1
70	Meningitis  0. Simple 1. Non-epidemic cerebro - spin- al meningitis  Progressive locomotor ataxia (tabes	
72	dorealis)	
73	Other diseases of the spinal cord	
	dorsalis) Other diseases of the spinal cord.  Bulbar paralysis (Duchenne's disease) 1. Paralysis agitans (Parkinson's disease)	
	ne's disease)	
	I. Paralysis agitans (Parkin-	
	son's disease)  2. Acute ascending spinal paralysis (Landry's disease)  3. Myelitis	
	alysis (Landry's disease)	
	3. Myelitis 4. Others Cerebral hemorrhage, apoplexy	
74	Cerebral hemorrhage anonleys	
	v. Cerebrai nemorrhage	5
	('erebral thrombosis and am-	
75	bolism	1
15	0. Hemiplegia	
	1. Other forms of paralysis	1
76	General paralysis (of the insane)	
77 78	Uther forms of mental alienation	1
79	Convulsions (non - nuerperal) (5	1
	Other forms of mental alienation.  Epilepsy Convulsions (non - puerperal) (5 years and over) Infantile convulsions (under five years of age) Chorea	
80	Infantile convulsions (under five	
01	years of age)	2
81	Chorea  0. Chorea  1. Hysteria and neuralgia	
	1. Hysteria and neuralgia	
00	2. Neuritis	
82 83	Other diseases of the nervous eve-	
60	tem	
84	tem Diseases of the organs of vision and	
	0 Diseases of the eve (event	
	tumor)	
	1. Follicular conjunctivitis	
	2. Trachoma	
	4. Other diseases of the eve or	
	its adnexa	
85	Diseases of the organs of hearing	
	and the mastoid process	1
	1. Diseases of the mastoid	1
	process	
IV.	adnexa except gonococcal intection, No. 42  0. Diseases of the eye (except tumor)  1. Follicular conjunctivitis  2. Trachoma  3. Tumors of the eye  4. Other diseases of the eye or its adnexa  Diseases of the organs of hearing and the mastoid process  0. Diseases of the ear  1. Diseases of the mastoid process  —Diseases of the Circulatory Systems	em
86	-Diseases of the Circulatory Systi	em
	Pericarditis	m
86	Pericarditis	<b>•m</b>
86	Pericarditis	2 1
86 87	Pericarditis	2 1
86 87	Pericarditis	2 1 6
86 87	Pericarditis	2 1
86 87 88 89	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart	2 1 6
86 87 88 89	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart	2 1 6 6
86 87 88 89	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseaser of the	2 1 6 6
86 87 88 89	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseaser of the arteries Embelism and thrombosis (excent	2 1 6 6 12
86 87 88 89 90 91 92	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseaser of the arteries Embelism and thrombosis (excent	2 1 6 6
86 87 88 89 90 91	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis	2 1 6 6 12
86 87 88 89 90 91 92	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, pulebitis, etc.)	2 1 6 6 12
86 87 88 89 90 91 92 93 94	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis 2. Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system	2 1 6 6 12
86 87 88 89 90 91 92 93	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis 2. Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system	2 1 6 6 12
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88 89 90 91 92 93 94 95	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis	2 1 6 6 12 9 1
88 89 90 91 92 93 94 95	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis	2 1 6 6 12 9 1
88 89 90 91 92 93 94 95	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis	2 1 6 6 12 9 1
88 89 90 91 92 93 94 95	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis	2 1 6 6 12 9 1
86 87 88 89 90 91 92 93 94 95 V.—	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis	2 1 6 6 12 9 1
86 87 88 89 90 91 92 93 94 95 V.—	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis	2 1 6 6 6 12 9 1
86 87 88 89 90 91 92 93 94 95 V.—	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis	2 1 6 6 12 9 1
86 87 88 89 90 91 92 93 94 95 V.—	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis and myocarditis 1. Acute myocarditis 2. Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the creculatory system.  Diseases of the Respiratory Syste Diseases of the nasal fossae and their adnexa 0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer Bronchitis 0. Acute 1. Chronic	2 1 6 6 12 9 1
86 87 88 89 90 91 92 93 94 95 V.—	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis and myocarditis 1. Acute myocarditis 2. Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the creculatory system.  Diseases of the Respiratory Syste Diseases of the nasal fossae and their adnexa 0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer Bronchitis 0. Acute 1. Chronic	2 1 6 6 12 9 1
86 87 88 89 90 91 92 93 94 95 V.—	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis and myocarditis 1. Acute myocarditis 2. Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the creculatory system.  Diseases of the Respiratory Syste Diseases of the nasal fossae and their adnexa 0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer Bronchitis 0. Acute 1. Chronic	2 1 6 6 12 9 1
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86 87 88 89 90 91 92 93 94 95 95 97 98	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis	2 1 6 6 12 9 1
86 87 88 89 90 91 92 93 94 95 V.— 96 97 98	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis	2 1 6 6 6 12 9 1
86 87 88 89 90 91 92 93 94 95 V.— 96 97 98	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis 1. Acute myocarditis 2. Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system -Diseases of the Respiratory System Olseases of the nasal fossae and their adnexa 0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer Bronchitis 0. Acute 1. Chronic 2. Not otherwise defined under 5 years of age. 3. Not otherwise defined, 5 Froncho pneumonia (Including capillary bronchitis) 0. Broncho pneumonia 1. Capillary bronchitis Pneumonia 0. Lobar 1. Not otherwise specified	2 1 6 6 6 12 9 1 1 2 1 1 2 1 1
86 87 88 89 90 91 92 93 94 95 95 97 98	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis and myocarditis 1. Acute myocarditis 2. Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the creculatory system.  Diseases of the Respiratory Syste Diseases of the nasal fossae and their adnexa 0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer Bronchitis 0. Acute 1. Chronic 2. Not otherwise defined under 5 years and over. Broncho pneumonia (including capillary bronchitis) 0. Broncho pneumonia 1. Capillary bronchitis	2 1 6 6 6 12 9 1 1 2 1 1 7

102 Congestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolic acid
orrhage of the lung	nancy	3. Cocaine
103 Gangrene of the lung	144 Puerperal hemorrhage	4. Lysol
104 Asthma	0. Cesarian section	6. Wood alcohol
106 Other diseases of the respiratory	1. Other surgical operations	7. Others
system (tuberculosis excepted)  0. Chronic interstitial pneumo-	and instrumental delivery 2. Others	8. Not specified or unknown 178 Conflagration
nia (including occupational	146 Puerperal septicemia	1/9 Accidental burns and scalds (con-
diseases of the lung)	147 Phlegmasia alba dolens, puerperal	flagration excepted)
1. Diseases of the mediasti-	embolism or sudden puerperal death	0. Stoves 1. Lamps
2. Others	148 Puerperal albuminuria or convul-	Z. Steam
VI.—Diseases of the Digestive System.	sions	3. Hot fluids 1
107 Diseases of the mouth and adnexa.	149 Childbirth (without other explanation)	4. Matches
0. Diseases of the teeth and	150 Puerperal diseases of the breast	6. Others
gums	IXDiseases of the Skin or Cellular	7. Unknown
cavity and adnexa	Tissue.	0. Foreign body in larynx 1
108 Diseases of the pharynx and tonsils		1. Overlying 1 2. Others
(includes adenoids)	151 Gangrene	181 Accidental absorption of irrespir-
1. Ludwig's angina	153 Phlegmon, acute abscess	able or poisonous gas
2. Tonsilitis	154a Tinea and alopecia (morbidity	0. Illuminating gas
4. Others	only) 154b Pruritis (morbidity only)	2. Coal gas
109 Diseases of the esophagus	155 Other diseases of the skin and its	3. Ammonia fumes
num	adnexa	5. Other gases
0. Ulcer of the stomach	XDiseases of the Bones and Organs	6. Unknown
1. Ulcer of the duodenum 111 Other diseases of the stomach (can-	of I was the	182 Accidental drowning
cer excepted	of Locomotion.	1. Others
0. Indigestion	156 Diseases of the bones (tubercu-	183 Accidental injury by firearms (wounds of war excepted)
1. Gastritis	losis excepted) 1 157 Diseases of the joints (tubercu-	184 Accidental injury by cutting or
lorus	losis and rheumatism excepted)	piercing instruments
3. Others	158 Other diseases of the bones or organs of locomotion	185 Accidental injury by falls  0. Down shafts, hatchways,
years of age) 12		holds of vessels
113 Diarrhea and enteritis (2 years and	XI.—Malformations.	1. Down stairs
over) 1 114 Ankylostomiasis	159 Congenital malformations (still-	3. From fire-escapes
115 Diseases due to other intestinal	births excepted)	4. From scaffolds
parasites	1. Malformations of the heart 4	5. From windows
liver excepted)	2. Others 1	7. On streets, sidewalks, etc 9. Other falls
1. Trematodes	XII.—Diseases of Early Infancy.	9. Other falls 1 186 Accidental traumatism in mines and
kylostoma)	160 Congenital debility, icterus and	quarries
3 Coccidia	o. Marasmus	0. In mines
5. Parasites not specified 1	1. Inanition	187 Accidental traumatism by machines
116 Appendicitis and typhlitis	2. Icterus 3. Sclerema	0. Deaths by machinery 1. Deaths by elevators
0. Hernia 2 1. Intestinal obstruction 2	4. Others 1	188 Accidental traumatism by other
118 Other diseases of the intestines	161 Premature birth, or consequence of labor	crushing (vehicles, railways, landslides, etc.)
0. Diseases of the anus and	0. Premature birth 6	0. Run over by wagons, trucks,
stercoral fistulae  1. Other diseases of the intes-	1. Injury at birth	etc
tines	fancy	2. Run over by other vehicles
119 Acute yellow atrophy of the liver	0. Asphyxia neonatorum 1. Atelectasis	3. Run over by electric surface cars
121 Cirrhosis of the liver	2. Umbilical infection	4. Run over by steam railroad
0. Returned as alcoholic 1. Not returned as alcoholic	3. Umbilical hemorrhage 4. Others	5. Run over by elevated rail-
122 Biliary calculi	163 Lack of care	road cars
123 Other diseases of the liver 1 124 Diseases of the pancreas except	XIII.—Old Age.	6. Run over by subway cars 7. Crushed by falling bodies
cancer	164 Old age (senility)	8. Crushed by derricks, stones,
125 Peritonitis of unstated cause 126 Other diseases of the digestive		9. Other causes
system (cancer and tuberculosis	XIV.—External Causes.	189 Injuries by animals (not poisoning)
excepted)	165 Suicide by solid or liquid poisons (corrosive substances excepted)	190 Wounds received in war
VII.—Non-Venereal Diseases of the	0. Opium, morphine	erent armies
Genito-Urinary System and	1. Strychnine	192a Excessive labor
its Adnexa.	3. Others	water)
127 Acute nephritis (including unspeci-	166 Suicide by corrosive substances  0. Arsenic (paris green)	193 Excessive cold 194 Excessive heat
fied under 10 years of age) 4  128 Chronic nephritis (including un-	1. Bichloride of mercury	195 Lightning
specified over 10 years of age 9	2. Carbolic acid	197 Homicide by firearms
129 Chyluria	4. Oxalie acid	198 Homicide by cutting or piercing in-
their adnexa (diseases of the	5. Muriatic acid (hydrochloric acid)	struments
kidney in pregnancy excluded)  131 Calculi of the urinary passages	6. Other corrosive poisons	200 Infanticide (murder of infants less
132 Diseases of the bladder (except	167 Suicide by poisonous gas	than 1 year of age)
tumors) 1 133 Diseases of the urethra, urinary	1. Chloroform	0. Dislocations
abcess, etc	2. Coal gas	1. Sprains
abcess, etc	168 Suicide by hanging or strangulation	fied)
1. Others	169 Suicide by drowning	202 Other external violence  0. Criminal abortion
tumors)	1. Others	1 Evaluations
135 Non-venereal diseases of the male genital organs	170 Suicide by firearms	2. Salvarsan injection
136 Cysts and other benign tumors of	struments	3. Other medicaments (injection)
the ovary	172 Suicide by jumping from high places	4. Other external violence 203 Violent deaths of which the cause
138 Benign tumors of the uterus	173 Suicide by crushing	is unknown
139 Non-puerperal uterine hemorrhage. 140 Metritis	174 Other suicides	
141 Other diseases of the female genital	0. Mushrooms	XV.—Ill-Defined Diseases.
organs	1. Shell fish	204 Sudden death
142 Non-puerperal diseases of the breast (cancer excepted)	2. Pork sausages	205 Cause of death not specified or ill- defined
VIII.—The Puerperal State.	176 Poisoning by venomous animals	0. Ill-defined or not specified
143 Accidents of pregnancy	177 Other acute accidental poisonings (gases excepted)	1. No disease; malingering 2. Surgical operation
0. Abortion	0. Ethyl alcohol	TOTAL 193
1. Ectopic gestation	1. Bichloride of mercury	101AL 193

### CONTAGIOUS HOSPITAL REPORT FOR MARCH, 1921

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat	Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Whooping Cough	Gonorrhea	Syphillis	Suppurative Conjunctivitis	Tetanus	Total
Patients admitted Termination { Recovery   Death	****	1			12 2 3	****	3 2 	1	****	****	11 11			3 1	****	**** '		••••	19 17 4

DEATHS BY AGE	S		
	Total	Males	Females
Under 1 day	3	2	1
1-2 days	2	2	0
2-3 days	0	0	0
3 days-1 week	3	1	2
1-2 weeks	4	2	2
2-3 weeks	2	2	0
3 wks-1 month	0	0	0
1-2 months	4	3	1
2-3 months	1	0	1
3-6 months	13	11	2
6.9 months	9	5	4
9-12 months	1	5	6
1 year		6	9
2 years	3	3	0
3 years	4	0	4
4 years	3	1	2
5-9 years	5	3	2
10-14 years	1	1	0
15-19 years	3	2	1
20-24 years	2	1	1
25-29 years	6	2	4
30-34 years	4	2	2
35-39 years	7	5	2
40-44 years	4	2	2
45-49 years	6	3	3
50-54 years	7	4	3
55-59 years		4	11
60-64 years		11	4
65-69 years		5	5
70-74 years		9	5
75-79 years		4	6
80-84 years	6	4	2
85-89 years	1	1	0
90-94 years	1		J
95-99 years			
100 +			
Unknown			

DEATHS BY AGES

DEATHS BY WARDS	
	3
	2
***************************************	2
	1
	2
	2
)	3

	_
HOSPITALS	
City Hospital14	
Union Hospital14	
St. Anne's Hospital 8	
Bay View Hospital 2	
Truesdale Hospital	
Contagious Hospital 3	
City Home	
STILL BIRTHS	
Males 4	
Females 5	
Unknown	
Total 9	
NATIVITY	
Fall River106	
Massachusetts10	
Other States12	
Ireland13	
Canada	
England16	
Scotland 2	
Germany	
Azores10	
Austria	
France	
Belgium	
Russia 1	
Portugal	
Italy	
Poland 1	
Mexico	
Australia	
Sweden	
Spain	
Greece	
Brazil	
Syria 1	

CEMETERIES	
Oak Grove	35
North Burial Ground	6
St. John's	
St. Mary's	
St. Patrick's	
Notre Dame	
Jesus Marie Convent Tomb	1
Agedas Aham	
St. Mary's (Polish)	1
Sent away for interment	
Brought here for interment	2.4
SEX	100
Male	
COLOR	
White	
Colored	2
CONDITION	
Married	57
Single	
Widowed	
Divorced	1
Unknown	
There were 239 cases of contagion	ue disanca
reported for Mar., viz:	ous discases
Diphtheria	91
Scarlet Fever	
Typhoid Feyer	
Typhoid Fever Tuberculosis of Lungs	22
Tuberculosis, other forms	2
Whooping Cough	30
Measles	73
Ophthalmia Neonatorum Suppurative Conjunctivitis	11
Suppurative Conjunctivitis	
Chicken Pox	12
Anterior Poliomyelitis	
Cerebro-Spinal Meningitis Pneumonia, Lobar	
Mumps	23
Septic Sore Throat	
Influenza	
German Measles	4
Lethargica Encephalitis	1
Dog Bite	2
Gonorrhoea	
Syphilis	
Sypinio	***************************************
оурино	

The following is the number of contagious diseases reported in each ward:

1-50 2-22 3-34 4-24 5-18 6-25 7-9 8-34 9-23

Estimating the population at 124,843, 193 deaths would give an annual death rate of 18.57 in 1,000.

This is 40 more than last month and 14 more than the same month in 1920.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

 614.09 F195

UNIVERSITY OF ILL.



# MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS. SAMUEL B. MORRISS, AGENT.

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HEALTH DEPARTMENTS PLEASE EXCHANGE.

VOLUME VI

MAY 1921

NUMBER V

The Following Act is of Special Interest Just at this Time When the Coming of Warm Weather Increases the Demand for Soda Water, Etc.

(Chapter 303)

#### An Act Regulating the Manufacture or Bottling of Certain Non-Alcoholic Beverages

Be it enacted, etc., as follows:-

Chapter ninety-four of the General Laws is hereby amended by inserting after section ten and under the heading, Non-Alcoholic Beverages, the five following sections:—

SECTION 10 A. Boards of Health of cities and towns may annually grant permits to engage in the business of the manufacture or bottling of carbonated non-alcoholic beverages, soda waters, mineral or spring water and may fix fees for said permits not to exceed ten dollars. The provisions of this section and the following four sections shall not apply to persons registered under sections thirty-seven to forty, inclusive, of chapter one hundred and twelve.

SECTION 10 B. Boards of Health shall, from time to time, examine the premises of any person granted a permit under the preceding section, and if such premises or the equipment used therein in connection with the business of such person is found to be in an unsanitary condition, the board may revoke such permit after a hearing, ten days' notice of which shall be given such person.

SECTION 10 C. All materials used in the manufacture of beverages specified in section ten A shall be stored, handled, transported and kept in such a manner as to protect them from spoilage, contamination and unwholesomeness. No ingredient or material, including water, shall be used in the manufacture or bottling of any such beverage which is spoiled or contaminated, or which may render the product unwholesome, unfit for food, or injurious to health. Persons granted permits under section ten A, shall comply with sections one hundred and eighty-six to one hundred and ninety-six inclusive.

SECTION 10 D. The department of public health and local boards of health may make rules and regulations to carry out the three preceding sections.

SECTION 10 E. Any person who engages in the business of the manufacture or bottling of carbonated non-alcoholic beverages, soda waters, mineral or spring waters without the permit provided for in Section ten A or who violates any provision of section ten A to ten D, inclusive, or of any rule or regulation made thereunder, shall be punished for a first offence by a fine of not more than one hundred dollars and for a subsequent offence by a fine not more than five hundred dollars. (Approved April 21, 1921.)

The department is receiving applications from the dozen or more establishments which are engaged in this business preparatory to drafting regulations under the provisions of Section 10 D of the Act and granting the permits authorized. The premises equipment, etc., of the applicants are being examined by inspectors of this department and the conditions found by them will be of material assistance in drafting the regulations.

Upon the adoption of regulations, licenses will be issued to dealers whose plants are of the required standard and systematic inspection will be made to see that the materials are wholesome and that the manufacturing and bottling of the beverages are done in a sanitary manner.

Preliminary reports of the inspectors show that radical changes will have to be made by some of the dealers before their applications can be approved. Unless they are able and willing to make the necessary alterations in equipment and methods, they will not be permitted to continue in business.

The importance and necessity for this legislation is obvious when consideration is given to the amount of these beverages which are consumed annually and especially during the summer months. The danger of transmitting communicable diseases through unsanitary handling and bottling of the various kinds of soda waters is not difficult to estimate especially when it is considered that many times the contents are taken direct from the bottles. By requiring the use of fresh, wholesome ingredients, and the manufacturing of the beverages by clean employes with sanitary machinery and in addition, the sterilizing of the bottles and other utensils used, the Board of Health intends to see that the consumers of these products manufactured and bottled in River Fall are assured pure drinks which are not injurious to health.

Germs, say the U. S. Public Health Service, are usually a hand to mouth affair. Better wash up.

Some people say that sanitation doesn't pay. Well, it doesn't pay doctors and grave diggers, says the U.S. Public Health Service. Be sanitary; seek health before you need it.

Don't give the baby medicine. If you feel you must use advertised remedies try them on yourself, or better still, on the dog. Let your family doctor attend to the baby.

The scratch of a lion's claw is almost as deadly as his bite, for he never cleans his nails, and he always carries under them rotting meat that is rank with deadly germs. Flies and water bugs do the same thing on a smaller scale; and: "Don't forget," says the U. S. Public Health Service, "that they never wipe their feet."

### MORTALITY FOR THE MONTH OF APRIL, 1921

International List of Causes of Death, as Adopted at the Third International Congress for the Revision of the Classification of Causes of Death, Held at Paris, October, 1920.

I 1	-Endemic or Infectious Diseases. Typhoid fever (abdominal typhoid and para-typhoid) 0. Typhoid fever 1. Paratyphoid fevers	
2 3	Typhus fever (exanthematous)	
4 5	Relapsing fever (spirillum obermei- eri) Melito—coccosis (Malta fever) Malarial fever or cachexia  0. Malarial fever 1. Malarial cachexia	
6 7 8	Smallnox	3
9 10 11	Measles Scarlet fever Whooping cough Diphtheria Influenza Complications:	
	0. Pneumonia	-
	4. Meningitis 5. Gastro intestinal 6. Puerperal	
12 13 14	7. Others Miliary fever Mumps Asiatio chalers	
15	Cholera nostras (choleriform enteritis)  Dysentery	
	0. Amebic 1. Bacillary 2. Unspecified or due to other	
17	2. Heart diseases 3. Nephritis 4. Meningitis 5. Gastro intestinal 6. Puerperal 7. Others Miliary fever Mumps Asiatic cholera Cholera nostras (choleriform enteritis) Dysentery 0. Amebic 1. Bacillary 2. Unspecified or due to other causes Plague 0. Bubonic 1. Pneumonic 2. Septicemic	
18 19 20 21	3. Unspecified Yellow fever Icterohemorrhagica spirochetosis. Leprosy Environeles	
22 23 24 25	Leprosy Erysipelas Acute poliomyelitis Encephalitis lethargica Epidemic cerebro-spinal meningitis. Other epidemic diseases  0. Varicella	1
26		1
27 28 29 30	2. Others Purulent or septicemic infection. Glanders and farcy. Malignant pustule (anthrax) Rabies Tetanus	•
31 32	Tetanus Mycoses Tuberculosis of the respiratory system  0. Acute pulmonary tuberculosis 1. Other forms of tuberculosis of respiratory organ Tuberculosis of the meninges or of	
33	1. Other forms of tuberculosis of respiratory organ Tuberculosis of the meninges or of	9
34	Tuberculosis of the meninges or of the central nervous system Tuberculosis of the intestines or peritoneum	1
35 36 37	peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints Tuberculosis of other organs and structures	
	Tuberculosis of the skin or subcutaneous cellular tissue     Tuberculosis of the bones (except vertebral column).	
	2. Tuberculosis of the lym- phatic system (except the	
	Itolieai gianus)	
38	4. Tuberculosis of the genito- urinary system	
39	chronic or pulmonary)  1. Chronic Syphilis (includes syphilic infection of any organ, tissue or structure of the body)  0. Primary	
	1 Cocondowy	
40	3. Hereditary	
41	Gonococcal infection except that of	
42	the eye or adnexa	

I	I.—General Diseases Not Included Above.	ı
43	Cancer or other malignant tumors	
"	of the buccal cavity	
	0. Cancer of the lip	
	2. Cancer of the mouth	
	Cancer or other malignant tumors of the buccal cavity.  0. Cancer of the lip.  1. Cancer of the tongue.  2. Cancer of the mouth.  3. Cancer of the jaw.  4. Others  Cancer or other malignant tumors of the stomach and liver.	
44	Cancer or other malignant tumors	
	of the stomach and liver  0. Cancer of the pharynx  1. Cancer of the stomach  2. Cancer of the stomach  3. Cancer of the liver and gall	
	1. Cancer of the esophagus	
	2. Cancer of the stomach	2
	3. Cancer of the liver and gall bladder	1
45	Cancer or other malignant tumors	
	of the peritoneum, intestines and	
	0. Cancer of the mesentery and	
	peritoneum	
	1. Cancer of the intestines (except rectum)	
	2. Cancer of the rectum and	
	2. Cancer of the rectum and annus	1
46	3. Others Cancer or other malignant tumors of the female genital organs 0. Cancer of the ovary and fallopian tubes 1. Cancer of the uterus 2. Cancer of the vagina and vulva 3. Others	
-10	of the female genital organs	
	0. Cancer of the ovary and	
	1. Cancer of the uterus	1
	2. Cancer of the vagina and	
	vulva	
47	Cancer or other malignant tumors	
40	of the breast	3
48	Cancer or other malignant tumors	
49	of the skin	
	1. Cancer of the lung and	
	O. Cancer of the larynx  Cancer of the lung and pleura  Cancer of the pancreas  Cancer of the kidneys and suprarenals	
	2. Cancer of the pancreas 3. Cancer of the kidneys and	
	suprarenals	
	suprarenals	
	6. Cancer of the brain	1
	7. Cancer of the bones (except	
	7. Cancer of the bones (except jaw)  8. Cancer of the testes.  9. Others  Benign tumors and tumors not returned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138).  0. Tumor of the brain.  1. Tumor of thorax.  2. Tumor of abdomen.  3. Tumor of bladder.  4. Tumor of prostate.  5. Tumor of other location.  Acute febrile articular rheumatism Chronic rheumatism or gout.	
	9. Others	
50	Benign tumors and tumors not re-	
	nign or non-specified tumors of	
	the ovary and uterus—136, 138)	
	1. Tumor of the brain	
	2. Tumor of abdomen	
	3. Tumor of bladder	
	5. Tumor of other location	
.51	Acute febrile articular rheumatism	2
52	0. Chronic rheumatism or gout	1
	1. Chronic gout	
53 54	Scurvy	
55	Pellagra Beri-beri	
56	Rickets	
57 58	Diabetes Anemia, Chlorosis	2
00	0. Pernicious anemia 1. Other anemias and chlorosis Diseases of the pituitary gland Diseases of the thyroid gland	1
59	1. Other anemias and chlorosis	
60	Diseases of the thyroid gland	
	v. Exophinalinic gottre	
	1. Other diseases of the thy- roid gland	
61	Diseases of the parathyroid gland. Diseases of the thymus Addison's disease (disease of the adrenals) Diseases of the spleen Leukemia and Hodgkin's disease.	
62	Diseases of the thymus	
63	adrenals)	
64	Diseases of the spleen	
65	Leukemia and Hodgkin's disease  0. Leukemia	
	1. Hodgkin's disease	
66	Alcoholism (acute or chronic)	1
67	0. Leukemia 1. Hodgkin's disease Alcoholism (acute or chronic) Chronic poisoning by mineral substances 0. Chronic lead poisoning 1. Others Chronic poisoning by organic substances Other general diseases. 0. Acidosis	
	0. Chronic lead poisoning	
68	Chronic poisoning by organic sub-	
	stances	
69	Other general diseases	
	1. Amyloid degenerations	
	2. Autointoxications	
	3. Hemophilia4. Purpura hemorrhagica	
	5. Others	

Ш	Diseases of the Nervous Syste	m
70	and Organs of Special Sense.	
70 71	Encephalitis Meningitis	1
	0. Simple	1
	al meningitis	
72	Progressive locomotor ataxia (tabes dorsalis)	
73	Other diseases of the spinal cord	
	ne's disease)	
	Meningitis  0. Simple 1. Non-epidemic cerebro-spinal meningitis Progressive locomotor ataxia (tabes dorsalis) Other diseases of the spinal cord. 0. Bulbar paralysis (Duchenne's disease) 1. Paralysis agitans (Parkinson's disease)	
	son's disease)  2. Acute ascending spinal paralysis (Landry's disease)	
	U. My CHLIS	
74	4. Others	
	O. Cerebral hemorrhage, apoplexy. Cerebral hemorrhage  Cerebral thrombosis and embolism  Paralysis (without specified cause) Hemiplegia  Other forms of paralysis. General paralysis (of the insane). Other forms of mental elignation	7
	bolism	
75	Paralysis (without specified cause) 0. Hemiplegia	
76	1. Other forms of paralysis	
77	Other forms of mental alienation.	
78 79	General paralysis (of the insane). Other forms of mental alienation. Epilepsy Convulsions (non - puerperal) (5 years and over) Infantile convulsions (under five years of age) Chorea  1. Hysteria and neuralgia 2. Neuritis Softening of the brain Other diseases of the nervous system	
	years and over)	
80	years of age)	1
81	Chorea	
	1. Hysteria and neuralgia	
82	Softening of the brain	
83	Other diseases of the nervous system	1
84	Discourse of the execute of viview and	'
	adnexa except gonococcal infection, No. 42  0. Diseases of the eye (except tumor)  1. Follicular conjunctivitis  2. Trachoma	
	0. Diseases of the eye (except	
	1. Follicular conjunctivitis	
	2. Trachoma 3. Tumors of the eye 4. Other diseases of the eye or	
	4. Other diseases of the eye or	
85	Diseases of the organs of hearing	
	and the mastoid process  0. Diseases of the ear	
	Diseases of the organs of hearing and the mastoid process  Diseases of the ear  Diseases of the mastoid process	
IV.	Diseases of the Circulatory Syste	***
86	Pericarditis Acute endocarditis and myocarditis	ALL
87	Acute endocarditis and myocarditis 0. Acute endocarditis	5
88	1 Acute myocarditis	5
89	Angina pectoris Other diseases of the heart O. Chronic endocarditis I. Chronic myocarditis Other chronic diseases of the heart Angurism	
	1. Chronic endocarditis	5
	2. Other chronic diseases of	8
90	Aneurism	0
91	Atheroma and other diseaser of the arteries	5
92	arteries Embolism and thrombosis (except cerebral)	
93	cerebral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	
94	hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system (lymphangitis, etc.)	
95	(lymphangitis, etc.)	
	cause; other diseases of the cir-	
V.—	culatory system.  Diseases of the Respiratory Syster Diseases of the nasal fossae and	n.
96	Diseases of the nasal fossae and	
	their adnexa	
97	1. Others Diseases of the larynx (except tuberculosis and cancer	
	tuberculosis and cancer	
98	Bronchitis 0. Acute	1
	1. Chronic	
	5 years of age	
	5 years of age.  3. Not otherwise defined, 5 years and over.  Broncho pneumonia (including capillary bronchitis)	
99	Broncho pneumonia (including cap-	
	0. Broncho pneumonia	15
100	illary bronchitis)  0. Broncho pneumonia  1. Capillary bronchitis  Pneumonia	
	Pneumonia  0. Lobar  1. Not otherwise specified	6
101	Pleurisy	
	0. Pleurisy	

102 Congestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolic acid
orrhage of the lung	nancy 1	3. Cocaine
103 Gangrene of the lung	144 Puerperal hemorrhage	4. Lysol
104 Asthma	145 Other accidents of childbirth  0. Cesarian section	5. Opium (morphine) 6. Wood alcohol
106 Other diseases of the respiratory	1. Other surgical operations	7. Others 1
system (tuberculosis excepted)	and instrumental delivery	8. Not specified or unknown
0. Chronic interstitial pneumo-	2. Others	178 Conflagration
nia (including occupational diseases of the lung)	147 Phlegmasia alba dolens, puerperal	179 Accidental burns and scalds (con- flagration excepted)
diseases of the lung)  1. Diseases of the mediasti-	embolism or sudden puerperal	0. Stoves
num	death	1. Lamps
2. Others	148 Puerperal albuminuria or convul- sions	2. Steam 3. Hot fluids
VI.—Diseases of the Digestive System.	149 Childbirth (without other explana-	4. Matches
107 Diseases of the mouth and adnexa.	tion)	5. Bonfires
0. Diseases of the teeth and	150 Puerperal diseases of the breast	6. Others
gums	IX.—Diseases of the Skin or Cellular	7. Unknown
cavity and adnexa		0. Foreign body in larynx
108 Diseases of the pharynx and tonsils	Tissue.	1. Overlying
(includes adenoids)	151 Gangrene	2. Others
1. Ludwig's angina	152 Boil, carbuncle, furuncle	able or poisonous gas
2. Tonsilitis	153 Phlegmon, acute abscess 154a Tinea and alopecia (morbidity	0. Illuminating gas
3. Adenoids	only)	1. Chloroform or ether
4. Others	1546 Fruritis (morbidity only)	2. Coal gas
110 Ulcer of the stomach and duode-	155 Other diseases of the skin and its adnexa	4. Sewer gas
num		5. Other gases
0. Ulcer of the stomach 1. Ulcer of the duodenum	X.—Diseases of the Bones and Organs	6. Unknown
111 Other diseases of the stomach (can-	of Locomotion.	0. Rivers, ponds, etc.
cer excepted		1. Others
0. Indigestion	156 Diseases of the bones (tubercu-	183 Accidental injury by firearms (wounds of war excepted)
1. Gastritis	losis excepted)	(wounds of war excepted)  184 Accidental injury by cutting or
lorus	losis and rheumatism excepted)	piercing instruments
3. Others	158 Other diseases of the bones or or-	185 Accidental injury by falls
112 Diarrhea and enteritis (under 2 years of age)	gans of locomotion	0. Down shafts, hatchways, holds of vessels
113 Diarrhea and enteritis (2 years and	XI.—Malformations.	1. Down stairs
over) 1	159 Congenital malformations (still-	2. From buildings
114 Ankylostomiasis	births excepted)	3. From fire-escapes
parasites	0. Hydrocephalus	5. From windows
liver excepted)	1. Malformations of the heart 3 2. Others	6. From vehicles 1
1. Trematodes		7. On streets, sidewalks, etc 9. Other falls
2. Nematodes (other than an-	XII.—Diseases of Early Infancy.	186 Accidental traumatism in mines and
kylostoma)	160 Congenital debility, icterus and	quarries
4. Other parasites	sclerema 0. Marasmus	1. In quarries
5. Parasites not specified	1. Inanition 1	187 Accidental traumatism by machines
116 Appendicitis and typhlitis	2. Icterus	0. Deaths by machinery 1. Deaths by elevators
0. Hernia 3	3. Sclerema 4. Others	188 Accidental traumatism by other
1. Intestinal obstruction 1	161 Premature birth, or consequence of	crushing (vehicles, railways,
118 Other diseases of the intestines  0. Diseases of the anus and	labor	landslides, etc.)
stercoral fistulae	0. Premature birth 7 1. Injury at birth 1	etc
1. Other diseases of the intes-	162 Other diseases peculiar to early in-	1. Run over by automobiles 1
tines	fancy	<ol> <li>Run over by other vehicles</li> <li>Run over by electric surface</li> </ol>
120 Hydatid tumor of the liver	0. Asphyxia neonatorum 1. Atelectasis	cars
121 Cirrhosis of the liver	2. Umbilical infection	4. Run over by steam railroad
0. Returned as alcoholic 1. Not returned as alcoholic 1	3. Umbilical hemorrhage 4. Others	5. Run over by elevated rail-
122 Biliary calculi	163 Lack of care	road cars
123 Other diseases of the liver 3 124 Diseases of the pancreas except	VIII OLI A	6. Run over by subway cars
cancer	XIII.—Old Age.	7. Crushed by falling bodies 8. Crushed by derricks, stones,
125 Peritonitis of unstated cause 1	164 Old age (senility)	etc
126 Other diseases of the digestive system (cancer and tuberculosis	XIV.—External Causes.	9. Other causes
excepted)	165 Suicide by solid or liquid poisons	190 Wounds received in war
VIINon-Venereal Diseases of the	(corrosive substances excepted)	191 Executions of civilians by bellig-
	0. Opium, morphine	erent armies
Genito-Urinary System and	2. Chloroform (ether)	192b Starvation (deprivation of food or
its Adnexa.	3. Others	water)
127 Acute nephritis (including unspeci-	166 Suicide by corrosive substances  0. Arsenic (paris green)	193 Excessive cold
fied under 10 years of age) 1	1. Bichloride of mercury	195 Lightning
128 Chronic nephritis (including unspecified over 10 years of age 7	2. Carbolic acid	196 Other accidental electric shocks 197 Homicide by firearms
129 Chyluria	4. Oxalic acid	198 Homicide by cutting or piercing in-
130 Other diseases of the kidneys and their adnexa (diseases of the	4. Oxalic acid	struments
kidney in pregnancy excluded)	acid)	199 Homicide by other means 200 Infanticide (murder of infants less
131 Calculi of the urinary passages	167 Suicide by poisonous gas	than 1 year of age)
132 Diseases of the bladder (except	0. Illuminating gas	201 Fracture (cause not specified)
tumors)	1. Chloroform	0. Dislocations
abcess, etc		1 Shraina
	2. Coal gas	1. Sprains
0. Stricture of the urethra	3. Others	2. Fractures (cause unspecified)
1. Others	3. Others 168 Suicide by hanging or strangulation 169 Suicide by drowning	2. Fractures (cause unspecified)
1. Others	3. Others 168 Suicide by hanging or strangulation 169 Suicide by drowning 0. Rivers, etc. 1. Others	2. Fractures (cause unspect- fied)
1. Others  134 Diseases of the prostate (except tumors)  135 Non-venereal diseases of the male	3. Others 168 Suicide by hanging or strangulation 169 Suicide by drowning 0. Rivers, etc. 1. Others 170 Suicide by firearms. 1	2. Fractures (cause unspect- fied)
1. Others     134 Diseases of the prostate (except tumors)     135 Non-venereal diseases of the male genital organs     136 Cysts and other benign tumors of	3. Others 168 Suicide by hanging or strangulation 169 Suicide by drowning 0. Rivers, etc. 1. Others 170 Suicide by firearms. 171 Suicide by cutting or piercing in-	2. Fractures (cause unspect- fied)
1. Others  134 Diseases of the prostate (except tumors)  135 Non-venereal diseases of the male genital organs  136 Cysts and other benign tumors of the ovary	3. Others 168 Suicide by hanging or strangulation 169 Suicide by drowning 0. Rivers, etc. 1. Others 170 Suicide by firearms	2. Fractures (cause unspect- fied)
1. Others     134 Diseases of the prostate (except tumors)     135 Non-venereal diseases of the male genital organs     136 Cysts and other benign tumors of the ovary     137 Salpingitis or pelvic absecss	3. Others 168 Suicide by hanging or strangulation 169 Suicide by drowning 0. Rivers, etc. 1. Others 170 Suicide by firearms. 171 Suicide by cutting or piercing instruments 172 Suicide by jumping from high places	2. Fractures (cause unspect- fied)
1. Others 134 Diseases of the prostate (except tumors) 135 Non-venereal diseases of the male genital organs 136 Cysts and other benign tumors of the ovary 137 Salpingitis or pelvic absecss 138 Benign tumors of the uterus 139 Non-puerperal uterine hemorrhage.	3. Others 168 Suicide by hanging or strangulation 169 Suicide by drowning 0. Rivers, etc. 1. Others 170 Suicide by firearms 171 Suicide by cutting or piercing instruments 172 Suicide by jumping from high places 173 Suicide by crushing 174 Other suicides	2. Fractures (cause unspect- fied)
1. Others  134 Diseases of the prostate (except tumors)  135 Non-venereal diseases of the male genital organs  136 Cysts and other benign tumors of the ovary  137 Salpingitis or pelvic absecss  138 Benign tumors of the uterus  139 Non-puerperal uterine hemorrhage.  140 Metritis	3. Others 168 Suicide by hanging or strangulation 169 Suicide by drowning  0. Rivers, etc. 1. Others 170 Suicide by firearms	2. Fractures (cause unspect- fied)
1. Others  134 Diseases of the prostate (except tumors)  135 Non-venereal diseases of the male genital organs  136 Cysts and other benign tumors of the ovary  137 Salpingitis or pelvic absecss  138 Benign tumors of the uterus  139 Non-puerperal uterine hemorrhage.  140 Metritis  141 Other diseases of the female genital organs	3. Others 168 Suicide by hanging or strangulation 169 Suicide by drowning 0. Rivers, etc. 1. Others 170 Suicide by firearms. 171 Suicide by cutting or piercing instruments 172 Suicide by jumping from high places 173 Suicide by crushing 174 Other suicides 175 Poisoning by food 0. Mushrooms	2. Fractures (cause unspect- fied)
1. Others  134 Diseases of the prostate (except tumors)  135 Non-venereal diseases of the male genital organs  136 Cysts and other benign tumors of the ovary  137 Salpingitis or pelvic absecss  138 Benign tumors of the uterus  139 Non-puerperal uterine hemorrhage.  140 Metritis  141 Other diseases of the female genital organs  142 Non-puerperal diseases of the	3. Others 168 Suicide by hanging or strangulation 169 Suicide by drowning  0. Rivers, etc. 1. Others 170 Suicide by firearms. 171 Suicide by cutting or piercing instruments 172 Suicide by jumping from high places 173 Suicide by crushing 174 Other suicides 175 Poisoning by food 0. Mushrooms 1. Shell fish 2. Pork sausages	2. Fractures (cause unspect- fied)
1. Others  134 Diseases of the prostate (except tumors)  135 Non-venereal diseases of the male genital organs  136 Cysts and other benign tumors of the ovary  137 Salpingitis or pelvic absecss  138 Benign tumors of the uterus  139 Non-puerperal uterine hemorrhage.  140 Metritis  141 Other diseases of the female genital organs  142 Non-puerperal diseases of the breast (cancer excepted)	3. Others 168 Suicide by hanging or strangulation 169 Suicide by drowning 0. Rivers, etc. 1. Others 170 Suicide by firearms 171 Suicide by crutting or piercing instruments 172 Suicide by jumping from high places 173 Suicide by crushing 174 Other suicides 175 Poisoning by food 0. Mushrooms 1. Shell fish 2. Pork sausages 3. Others	2. Fractures (cause unspect- fied)
1. Others  134 Diseases of the prostate (except tumors)  135 Non-venereal diseases of the male genital organs  136 Cysts and other benign tumors of the ovary  137 Salpingitis or pelvic absecss  138 Benign tumors of the uterus  139 Non-puerperal uterine hemorrhage.  140 Metritis  141 Other diseases of the female genital organs  142 Non-puerperal diseases of the breast (cancer excepted)  VIII.—The Puerperal State.	3. Others 168 Suicide by hanging or strangulation 169 Suicide by drowning  0. Rivers, etc. 1. Others 170 Suicide by firearms	2. Fractures (cause unspect- fied)
1. Others  134 Diseases of the prostate (except tumors)  135 Non-venereal diseases of the male genital organs  136 Cysts and other benign tumors of the ovary  137 Salpingitis or pelvic absecss  138 Benign tumors of the uterus.  139 Non-puerperal uterine hemorrhage.  140 Metritis  141 Other diseases of the female genital organs  142 Non-puerperal diseases of the breast (cancer excepted)  VIII.—The Puerperal State.  143 Accidents of pregnancy	3. Others 168 Suicide by hanging or strangulation 169 Suicide by drowning  0. Rivers, etc. 1. Others 170 Suicide by firearms 171 Suicide by cutting or piercing instruments 172 Suicide by jumping from high places 173 Suicide by crushing 174 Other suicides 175 Poisoning by food 0. Mushrooms 1. Shell fish 2. Pork sausages 3. Others 176 Poisoning by venomous animals. 177 Other acute accidental poisonings (gasse excepted)	2. Fractures (cause unspectied) fied)
1. Others  134 Diseases of the prostate (except tumors)  135 Non-venereal diseases of the male genital organs  136 Cysts and other benign tumors of the ovary  137 Salpingitis or pelvic absecss  138 Benign tumors of the uterus  139 Non-puerperal uterine hemorrhage.  140 Metritis  141 Other diseases of the female genital organs  142 Non-puerperal diseases of the breast (cancer excepted)  VIII.—The Puerperal State.	3. Others 168 Suicide by hanging or strangulation 169 Suicide by drowning  0. Rivers, etc. 1. Others 170 Suicide by firearms	2. Fractures (cause unspect- fied)

### CONTAGIOUS HOSPITAL REPORT FOR APRIL, 1921

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat	Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Whooping Cough	Gonorrhea	Syphillis	Suppurative Conjunctivitis	Tetanus	Total .
Patients admitted	****	1		1	4		1		****		2			2	****	****	***		.11
Termination { Recovery	••••			1	9		2		****	****	1								13
( Death	****	. 1	****		2		****				• • • •		••••	••••					3

#### DEATHS BY AGES

	Total	Males	Females
Under 1 day	3	2	1
1-2 days	1	1	0
2-3 days	1	1	0
3 days-1 week	3	1	2
1-2 weeks	1	0	1
2-3 weeks	0	0	0
3 wks-1 month	1	1	0
1-2 months	2	2	()
2-3 months	2	1	1
3-6 months	7	5	2
6-9 months	7	4	3
9-12 months	3	3	0
1 year	2	5	7
2 years	1	0	1
3 years	3	1	2
4 years	1	1	0
5-9 years	3	2	1
10-14 years	1	1	0
15-19 years	1	1	0
20-24 years	5	2	3
25-29 years	3	1	2
30-34 years	3	1	2
35-39 years	4	2	2
40-44 years1	0	5	5
~	5	2	3
50-54 years1	0	3	7
55-59 years1		4	6
60-64 years		3	5
65-69 years 1		4	8
70-74 years	3	0	3
75-79 years 1		2	8
_	7	2	5
-	2	1	1
90-94 years			
95-99 years			
100+			
Unknown			
Total14	5	64	81

#### DEATHS BY WARDS

- 4	ı,	p 1	6				0 1	•	•	0			٠	he	۰	۰		0	0.1		•	9	8		8	۰	۰	۰	٠	•	۰	٠	۰	٥	h	•	٠.		۰		-			۰	**		۰	۰,	 -			*	0.0	1.00	 ۰	A	٠,	,	
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#### HOSPITALS

City Hospital	9
Union Hospital	9
St. Anne's Hospital	2
Bay View Hospital	4
Truesdale Hospital	4
Contagious Hospital	
City Home	3

#### STILL BIRTHS

Males	7
Females	5
Unknown	
Total1	2

#### NATIVITY

MATIAITI
Fall River 64
Massachusetts 8
Other States 8
Ireland13
Canada21
England 9
Scotland
Germany
Azores15
Austria 1
France
Belgium
Russia 1
Portugal
Italy 1
Poland
Mexico
Australia
Sweden
Spain
Greece
Brazil
Syria 1
Wales
Norway 1
Unknown

### CEMETERIES Oak Grove.....

North Burial Ground......10

St. John's
St. Mary's 1
St. Patrick's42
Notre Dame
Nwoo Hill
Agedas Aham
Our Lady of Light
Sent away for interment10
Brought here for interment32
SEX
Male 64
Female81
COLOR
White144
Colored 1
CONDITION
Married 43
Single 68
Widowed34
Divorced
Unknown

# There were 237 cases of contagious diseases reported for Apr., viz:

reported for Apr., viz:	
Diphtheria	16
Scarlet Fever	
Typhoid Fever	8
Tuberculosis of Lungs	
Tuberculosis, other forms	
Whooping Cough	
Measles	
Ophthalmia Neonatorum	15
Suppurative Conjunctivitis	
Chicken Pox.	
Anterior Poliomyelitis	
Cerebro-Spinal Meningitis	
Pneumonia, Lobar	
Mumps	
Septic Sore Throat	
× 2	

The following is the number of contagious diseases reported in each ward:

Influenza..... German Measles...

Malaria.....

1-25 2--20 3-34 4-26 5-21 6-33 7-8 8-35 9-3

Estimating the population at 125,969, 145 deaths would give an annual death rate of 13.81 in 1,000.

This is 48 less than last month and 9 more than the same month in 1920.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

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## MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS.

SAMUEL B. MORRISS, AGENT.

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HEALTH DEPARTMENTS PLEASE EXCHANGE.

**VOLUME VII** 

JUNE 1921

NUMBER VI

## Vacation Typhoid

Now that warm weather is at hand, plans are being made by many of our residents for their summer vacations. Much thought is generally given by the individual before choosing the resort to be visited. And the choice of the favored spot, be it seashore, mountain, or elsewhere, is generally decided upon after special consideration is given to the amusements and recreation to be enjoyed there. Very little thought, we are sure, is given ordinarily to the safety of the place selected, on the score of healthfulness.

That the question of the sanitary condition of the vacation resort should be given serious thought is shown by the marked increase in Typhoid Fever, which occurs annually during the months of July, August and September. The greater number of cases occurring during these months are directly traceable to infection received while the patients were on vacations and so these cases are generally known as Vacation Typhoid. And while due care should be exercised in making the choice of the resort to be visited, it is advisable also to take the added precaution, the worth of which has been proven. There has been so much said of and written about the efficacy of Typhoid Fever Vaccine and so many of our young men have received its benefits while they were in the service that we feel it unnecessary to say anything more about it at this time. But we do urge all who are going away to protect themselves by arranging with their family physicians to inoculate them with Typhoid Fever Vaccine so that they will be immune to the disease. A quantity of this vaccine is always on hand and can be procured free of charge.

Many people who desire to get away from the heat of the city, are evidently of the belief that any place as long as it is in the country or near the water is a proper place from the standpoint of health. But this is not true, and especially so in the crowded places generally patronized which lack proper facilities for disposal of sewage, garbage, etc. Persons staying at such places should be careful and see that not only their own, but their neighbors' privies are carefully constructed and screened from flies. Also that the well from which they secure their supply of water is properly constructed, curbed to prevent surface pollution, and a reasonable distance away from contaminating surroundings. But, even with these safeguards, it is best to boil all drinking water before use, for in such places, wells are in common use and may be polluted by the thoughtless act of some creess individual.

Proper care should be taken in disposing of garbage and kitchen waste. It should be either burned or carried some distance from the house and buried. If not disposed of properly, it will not only cause a nuisance, but will be a menace to health because of its being a breeding place for flies.

Our vacationists sometimes are pleased because it is possible for them while enjoying their stay in the country to get fresh milk right from the cow with that "country taste." But their pleasure would be shortlived if they realized that because of the unsanitary conditions of the cow stable and the conditions under which the cattle are cared for that such taste is imparted by the filth of the cow stables which gets into the milk. Do not use milk from any source which is not produced under the supervision of the Health Department of this or some other city or the department of health of the state in which the dairy is located.

It is an unpleasant statement, although a true one, that "we do not catch Typhoid Fever, we eat it." In other words that the germs causing the disease are present in the discharges from the bowels of the persons who are either affected with or who are carriers of the disease, as human excreta is the only known source of the disease. But only by knowing such things and being extremely careful and clean in our habits and requiring our neighbors to be likewise can we properly do our share to conquer Typhoid.

And it is especially important that persons staying at crowded summer resorts exercise extreme care and cleanliness as with the lack of facilities at such places, the amount of harm that may be done is almost unlimited. The results of the use of a makeshift unscreened privy, by either a person who is ill with typhoid fever or a "carrier" of the disease, in close proximity to a well or wells supplying a large group of people, would be serious. Under such conditions, it would be almost absolutely certain that the well water would become polluted. The subsequent use of this water for drinking, unless it was first boiled, would result in a number of cases of the disease. Such places loosely constructed and unscreened allow easy entrance to flies which subsequently fly into nearby dining rooms, also unscreened, and deposit the filth, previously acquired, on the foodstuffs from which they were taking their dinner.

If your plans are for a vacation at a resort such as we have spoken of, for your own benefit and for the benefit of your neighbors and the community, do all you can to see that the sanitary precautions outlined above are complied with and to insure yourself against careless patrons of the resort who will not do likewise, and be doubly sure by being inoculated with the typhoid fever vaccine.

# MORTALITY FOR THE MONTH OF MAY, 1921

International List of Causes of Death, as Adopted at the Third International Congress for the Revision of the Classification of Causes of Death, Held at Paris, October, 1920.

and the last		
I	Endemic or Infectious Diseases	
1	Typhoid fever (abdominal typhoid	
	and para-typhoid)	1
2	1. Paratyphoid fevers  Typhus fever (exanthematous)	
2	Relapsing fever (spirillum obermel-	
4	eri)	
5	Malarial fever or cachexia  0. Malarial fever  1. Malarial cachexia	
	1. Malarial cachexia	
6	Smallpox	4
8	Measles Scarlet fever Whooping cough	
10		3 1
11	Innuenza	
	Complications: 0. Pneumonia	1
	1. Bronchitis	
	3. Nephritis	
	4. Meningitis 5. Gastro intestinal 6. Puerperal	
	6. Puerperal	
12	26124 6	
13 14	Mumps	
15	Cholera nostras (choleriform en-	
16	Dysentery	
	0. Amebic	
	Mulary lever Mumps Asiatic cholera Cholera nostras (choleriform enteritis) Dysentery  0. Amebic 1. Bacillary 2. Unspecified or due to other causes	
17	Plague	
.,	0 Bubonic	
	1. Pneumonic 2. Septicemic	
40	3. Unspecined	
18 19	Yellow fever	
20 21	Leprosy	
22	Acute poliomyelitis	
23 24	Epidemic cerebro-spinal meningitis.	
25	Eterohemorrhagica spirochetosis Leprosy Erysipelas Acute poliomyelitis Encephalitis lethargica Epidemic cerebro-spinal meningitis Other epidemic diseases  0. Varicella 1. Rubella 2. Others	
	1. Rubella	
26	Purulent or septicemic infection	
27 28	Purulent or septicemic infection Glanders and farcy. Malignant pustule (anthrax) Rables	
29	Rabies	
30 31	Tetanus	
32	Tuberculosis of the respiratory sys-	6
33	Tuberculosis of the meninges or of the central nervous system	2
34	Tuberculosis of the intestines or	4
35	Tuberculosis of the intestines or peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints	
36	Tuberculosis of the joints	
37	Tuberculosis of other organs and	
	structures 0. Tuberculosis of the skin or subcutaneous cellular tissue 1. Tuberculosis of the bones	
	1. Tuberculosis of the bones	
	(except vertebral column).  2. Tuberculosis of the lymphatic system (except the	
	mesenteric and retroper-	
	itoneai glands)	
	3. Tuberculosis of the genito- urinary system	1
38	4. Tuberculosis of other organs	
20	Disseminated tuberculosis 0. Acute (including miliary tu-	
	cept that specified as	
	chronic or pulmonary)  1. Chronic	1
39	Syphilis (includes syphilic infection	
	Syphilis (includes syphilic infection of any organ, tissue or structure of the body)  0. Primary	
	0. Primary	
	1. Secondary	
	2. Tertiary 3. Hereditary 4. Period not specified	
40	Soft chancre (used for morbidity	
41	Statistics only) Gonococcal infection except that of	
42	statistics only) Gonococcal infection except that of the eye or adnexa Gonococcal ophthalmia	
14	Consissing Contraction Contractions	

ON	OF CA	USES	OF I	JEAT	H, F	IELD	AT	P.
ı	I.—Gen	eral			Not	Inclu	ded	
43	G		43 .	ove.				
43	of t	r or on the but Cancordance Ca	ccal	cavity	y		···	
	0. 1.	Cane	er of er of	the the	lip.	ue		
	2. 3	Cane	er of	the	mout	h	• • •	
	4.	Canco canco Canco Canco Canco Canco canco canco canco	8					
44	Cance: of th	r or c ne stor	nach	and l	gnan iver.	t tum	ors	
	0.	Cance	er of	the	phar	ynx		
	2.	Canc	er of	the	stom	ach		3
	3.	blad	er oi	tne	nver	and g	an.	1
45	Cancer	r or or cance canc	ther	mali	gnan	t tum	ors	
	recti	um	rconc					
	U.	peri	toneu	im .	nesei	itery a		
	1.	Canc	er of	the i	ntest	ines (	e <b>x</b> -	5
	2.	Canc	er of	the	rec	tum 8	nd	
	3.	Other	s				• • •	
46	Cancer	r or ( he fen	other	mali genita	gnan al or	t tum gans	ors	
	0.	Cane	er o	the	ov	ary a	ind	
	1.	Canc	er of	the	uterı	 18		2
	2.	Cance	er of	the	vag	rina a	ind	
479	3.	Other	S	modi	~~	t time		
47	of the	r or c ne brea	ast	man	gnan		ors	3
48	Cancer of the Cancer of the Cancer of or	or or one skir	ther	mali	gnan	t tum	ors	
49	Cancer	or c	ther	mali	gnan	tum	ors	
	01 01	Cance	r uns er of	the l	ed of aryn:	gans ing a eas		3
	1.	Cance	er o	f th	e lı	ing a	nd	
	2.	Cance	er of	the 1	paner	eas	nd	
	3.	supi	aren	als .		ieys a		
	4. 5.	Cance	er of	the	prost	ate der		
	6.	Cance	er of	the	bra	in		
	7.							1
	8. 9. Benign turn nign the 0. 1. 2. 3. 4. 5. Acute Chroni 0. 1. Scurvy	Cance	er of	the	teste	s		
50	Benign	tumo	ors a	nd tu	mors	not	re-	
	nign	ed as or n	man on-si	gnanı pecifie	ed tu	mors	of	
	the	ovary Tumo	and r of	uteru	s13 brair	6, 138	)	
	1.	Tumo	r of	thor	ax			
	3.	Tumo	r of	blade	ler			
	4. 5.	Tumo	r of	othe	tate. r loc	ation.		
.51	Acute	febril	e ari	ticula	r rh	eumati	sm	
52	0.	Chron	ic rl	neuma	itism			
53	1. Scurvy	Chror	nic g	out .				1
54	Penagi	rat						
55 56	Beri-b Ricket		· · · · · ·					
57 58	Diabet Anemi	o Chl	ornaid	7				6
	0. 1. Diseas	Perni	cious	anen	nia .	ab loro		1
59	Diseas	es of	the	pituit	ary	gland.		
60	Diseas 0.	ESXODI	$\mathbf{u}$	mic g	oure			
	4	Othor	dia	00000	0.4	4h a 4h	ıy-	
61	Diseas	es of	the I	arath	yroic	lglan	ā	
62 63	Diseas Addiso	es of n's di	the isease	thym di	us sease	of 1	he	
	Diseas Diseas Addiso adre	nals)	tho	nloor				
64 65	Leuke	nia a	nd F	lodek	in's	diseas	e	
	0. 1. Alcoho	Leuk	emia kin's	disea	ase .			
66	Alcoho	lism (	acute	or	hron	ic)		2
67	Chroni	ces	Ominis		mine	iai su		
	0.	Chron	ic le	ad p	oison	ing		
68	Chroni	c pois	oning	by	orga	nic su	ıb-	
69	stand 0. 1. Chroni stand Other	genera	il dis	eases				
	1.							
	2. 3.	Autoi	ntoxi	cation	ıs	ns		
	4.	Purpu	ra h	emori	hagi	a		
	5.	Other	8					

	Diseases of the Nervous Syste and Organs of Special Sense.	m
70 71	Encephalitis	
/1	Meningitis  0. Simple 1. Non-epidemic cerebro - spin- al meningitis  Progressive locomotor ataxia (tabes	1
72	Progressive locomotor stayia (tabes	
73	dorsalis) Other diseases of the spinal cord.  0. Bulbar paralysis (Duchen-	
13	0. Bulbar paralysis (Duchen-	
	ne's disease)	
	son's disease)	
	alysis (Landry's disease)	
	3. Myelitis	1
74	Cerebral hemorrhage, anoplexy	
	1 Comphyal thrombonia and am	4
75	Paralysis (without specified cause)	1
	0. Hemiplegia	
76	Paralysis (without specified cause)  0. Hemiplegia  1. Other forms of paralysis  General paralysis (of the insane).  Other forms of mentled legislation	
77 78	Other forms of mental alienation Epilepsy	
79	Convulsions (non - puerperal) (5	
80	Convulsions (non - puerperal) (5 years and over)	_
81	Chorea	1
	Chorea  0. Chorea 1. Hysteria and neuralgia 2. Neuritis Softening of the brain Other diseases of the nervous system	
82	2. Neuritis	
83	Other diseases of the nervous sys-	
84	The same of the sa	
	adnexa except gonococcal infec-	
	0. Diseases of the eye (except	
	adnexa except gonococcal infection, No. 42  0. Diseases of the eye (except tumor)  1. Follicular conjunctivitis  2. Trachoma	
	1. Follicular conjunctivitis 2. Trachoma 3. Tumors of the eye	
	4 Other diseases of the eve or	
85	Diseases of the organs of hearing and the mastoid process  0. Diseases of the ear	
	and the mastoid process  0. Diseases of the ear	1
	1. Diseases of the mastoid process	
IV.	-Diseases of the Circulatory Syste	m
86	Diseases of the Circulatory Syste Pericarditis Acute endocarditis and myocarditis	
01	0. Acute endocarditis	Z
88	Angina pectoris	1
89	Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis	5
	1. Chronic myocarditis	4
	2. Other chronic diseases of the heart	6
90 91	Aneurism Atheroma and other diseases of the	
92	Atheroma and other diseaser of the arteries  Embolism and thrombosis (except	6
93	cerebral)	
	cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system	
94	(lymphangitis, etc.)	
95	Hemorrhage without determined cause; other diseases of the cir-	
37		
V.— 96	Diseases of the Respiratory System Diseases of the nasal fossae and	n.
	their adnexa  0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer	
67	1. Others	
97	tuberculosis and cancer	
98	0. Acute	2
	1. Chronic	
	5 Vears of age	1
	3. Not otherwise defined, 5 years and over. Broncho pneumonia (including capillary bronchitis)	
99	Broncho pneumonia (including cap-	
	0. Broncho pneumonia 1. Capillary bronchitis	8
100	Pneumonia	
	1. Not otherwise specified	3
101	Pleurisy	
	1. Empyema of thoracic cavity	

### SPECIAL BATHING WARNING

To the persons not fortunate enough to be able to afford the expense of a vacation outside the city, a word of caution is also considered necessary. Many people, particularly the young of both sexes, have a natural desire to enjoy bathing during the warm weather, and this is commendable; but too frequently it happens they do not exercise proper care in the selection of the water in which they bathe, and there are many places in Fall River in which it would be decidedly hazardous to do so. The Board of Health has posted a notice in the vicinity of every dangerous place along the shore in the vicinity of public sewer outlets and upon the banks of canals and streams leading to tidewater that are known to be polluted. These notices should not be unheeded as well as the caution contained in the posters against the danger of eating uncooked shellfish taken in the vicinity of such waters. Many cases of typhoid have been traced to such sources during the past few years.

SAMUEL B. MORRISS, Agent, Board of Health.

(Copy of the Notice posted.)

### BOARD OF HEALTH NOTICE

THE BOARD OF HEALTH hereby gives Public Notice that it deems

### - BATHING -

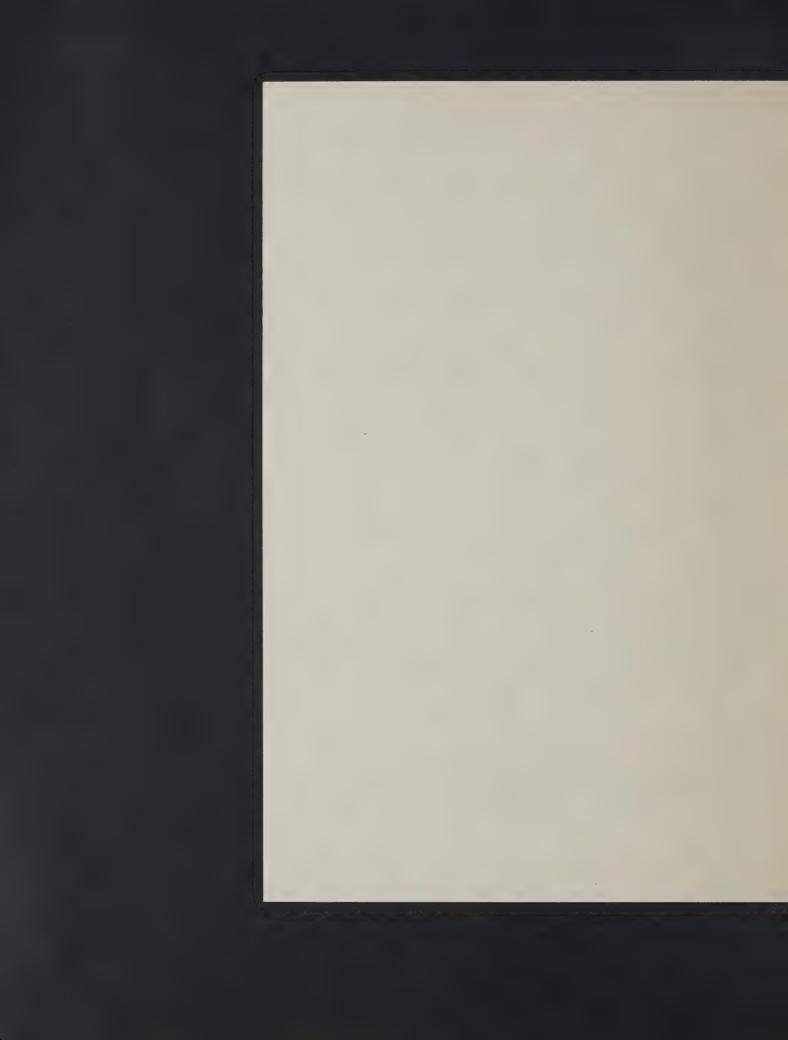
in the waters of Taunton River in the vicinity of any sewer outlet, or in the waters of any pond, stream or canal conveying the water from the Watuppa ponds below the Sandbar, or Cook pond to tidewater as Dangerous to Public Health and forbids the same under penalty of a

#### FINE OF \$100.

Per order, BOARD OF HEALTH.

### CAUTION!

Typhoid Fever may be contracted by eating uncooked **Shellfish**, therefore **Shellfish** taken on the shore of Taunton River in this City should not be eaten raw.



102 Congestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolic acid
orrhage of the lung	nancy	3. Cocaine
104 Asthma 2	145 Other accidents of childbirth	5. Opium (morphine)
105 Emphysema of the lung	0. Cesarian section	6. Wood alcohol
system (tuberculosis excepted)	and instrumental delivery	7. Others
0. Chronic interstitial pneumo-	2. Others 1	178 Conflagration
nia (including occupational diseases of the lung)	146 Puerperal septicemia	179 Accidental burns and scalds (con- flagration excepted)
1. Diseases of the mediasti-	embolism or sudden puerperal	. U. Stoves
num	death 1 148 Puerperal albuminuria or convul-	1. Lamps 2. Steam
VI.—Diseases of the Digestive System.	sions	3. Hot fluids
107 Diseases of the mouth and adnexa.	149 Childbirth (without other explana-	4. Matches
0. Diseases of the teeth and	tion)	5. Bonfires
gums other diseases of the huseal	IX.—Diseases of the Skin or Cellular	7. Unknown
1. Other diseases of the buccal cavity and adnexa		180 Accidental mechanical suffocation  0. Foreign body in larynx
108 Diseases of the pharynx and tonsils	Tissue.	1. Overlying
(includes adenoids) 0. Streptoccic sore throat	151 Gangrene	2. Others
1. Ludwig's angina	152 Boil, carbuncle, furuncle	able or poisonous gas
2. Tonsilitis	154a Tinea and aiopecia (morbidity	0. Illuminating gas
4. Others	only)	2. Coal gas
109 Diseases of the esophagus	155 Other diseases of the skin and its	3. Ammonia fumes
num 0. Ulcer of the stomach	adnexa	5. Other gases
1. Ulcer of the stomach	XDiseases of the Bones and Organs	6. Unknown
111 Other diseases of the stomach (can-	of Locomotion.	182 Accidental drowning
cer excepted		1. Others
1. Gastritis	156 Diseases of the bones (tubercu- losis excepted)	(wounds of war excepted)
2. Stricture or stenosis of py-	157 Diseases of the Joints (tubercu-	184 Accidental injury by cutting or
lorus	losis and rheumatism excepted) 158 Other diseases of the bones or or-	piercing instruments
3. Others  112 Diarrhea and enteritis (under 2	gans of locomotion	0. Down shafts, hatchways,
years of age)	XIMalformations.	holds of vessels
over)	159 Congenital malformations (still-	2. From buildings
114 Ankylostomiasis	births excepted)	3. From fire-escapes
parasites	0. Hydrocephalus	5. From windows
0. Cestodes (hydatids of the liver excepted)	2. Others	6. From vehicles
1. Trematodes		1. On streets, sidewalks, etc 9. Other falls
2. Nematodes (other than an- kylostoma)	XII.—Diseases of Early Infancy.	186 Accidental traumatism in mines and
3 Coccidia	160 Congenital debility, icterus and sclerema	quarries
4. Other parasites	0. Marasmus 1	1. In quarries
5. Parasites not specified 8	1. Inanition	187 Accidental traumatism by machines 0. Deaths by machinery
117 Hernia, intestinal obstruction	3. Selerema	1. Deaths by elevators
0. Hernia 1 1. Intestinal obstruction 1	4. Others	188 Accidental traumatism by other crushing (vehicles, railways,
118 Other diseases of the intestines	labor	landslides, etc.)
0. Diseases of the anus and stercoral fistulae	0. Premature birth 6 1. Injury at birth 3	0. Run over by wagons, trucks, etc.
1. Other diseases of the intes-	162 Other diseases peculiar to early in-	1. Run over by automobiles
tines	fancy 0. Asphyxia neonatorum	. 2. Run over by other vehicles 3. Run over by electric surface
120 Hydatid tumor of the liver	1. Atelectasis	cars 1
121 Cirrhosis of the liver	2. Umbilical infection	4. Run over by steam railroad cars
1. Not returned as alcoholic 1	3. Umbilical hemorrhage 4. Others	5. Run over by elevated rail-
122 Biliary calculi	163 Lack of care	road cars
123 Other diseases of the liver 1 124 Diseases of the pancreas except	XIII.—Old Age.	7. Crushed by falling bodies 8. Crushed by derricks, stones,
cancer	164 Old age (senility) 3	8. Crushed by derricks, stones, etc.
126 Other diseases of the digestive	XIV.—External Causes.	9. Other causes
system (cancer and tuberculosis	165 Suicide by solid or liquid poisons	189 Injuries by animals (not poisoning) 190 Wounds received in war
excepted)	(corrosive substances excepted)	191 Executions of civilians by bellig-
VII.—Non-Venereal Diseases of the	0. Opium, morphine	erent armies
Genito-Urinary System and	1. Strychnine	192b Starvation (deprivation of food or
its Adnexa.	3. Others 166 Suicide by corrosive substances	water)
127 Acute nephritis (including unspeci-	0, Arsenic (paris green) 1	194 Excessive heat
fied under 10 years of age) 2  128 Chronic nephritis (including un-	1. Bichloride of mercury 2. Carbolic acid	195 Lightning
specified over 10 years of age 7	3. Cyanides (prussic acid)	197 Homicide by firearms
129 Chyluria	4. Oxalic acid	198 Homicide by cutting or piercing in-
their adnexa (diseases of the	5. Muriatic acid (hydrochloric acid)	struments
kidney in pregnancy excluded)  131 Calculi of the urinary passages	6. Other corrosive poisons	200 Infanticide (murder of infants less
132 Diseases of the bladder (except	167 Suicide by poisonous gas	than 1 year of age) 1 201 Fracture (cause not specified)
tumors)	1. Chloroform	0. Dislocations
abcess, etc	2. Coal gas	1. Sprains
0. Stricture of the urethra	168 Suicide by hanging or strangulation	fied)
1. Others	169 Suicide by drowning 0. Rivers, etc	202 Other external violence
tumors) 1	1. Others	1. Explosions
135 Non-venereal diseases of the male genital organs	170 Suicide by firearms	2. Salvarsan injection 3. Other medicaments (injec-
genital organs	struments	tion)
the ovary	172 Suicide by jumping from high places	4. Other external violence 203 Violent deaths of which the cause
138 Benign tumors of the uterus	173 Suicide by crushing	is unknown
139 Non-puerperal uterine hemorrhage. 140 Metritis	174 Other suicides	XVIll-Defined Diseases.
141 Other diseases of the female genital	0. Mushrooms	
organs	1. Shell fish	204 Sudden death
breast (cancer excepted)	3. Others	defined
VIII.—The Puerperal State.	176 Poisoning by venomous animals 177 Other acute accidental poisonings	0. Ill-defined or not specified 1. No disease; malingering
143 Accidents of pregnancy	(gases excepted)	1. No disease; malingering 2. Surgical operation
0. Abortion 1 1. Ectopic gestation	(gases excepted)  0. Ethyl alcohol  1. Bichloride of mercury	TOTAL 145
I. Licopio gestation	1. Dichloride of mercury	101712 113

## CONTAGIOUS HOSPITAL REPORT FOR MAY, 1921

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat Diphtheria	Malaria	Measies	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Whooping Cough	Gonorrhea	Syphillis	Suppurative Conjunctivitis	Tetanus	Total
Patients admitted				5				****	****	2								7
Termination { Recovery   Death				1						<b>2</b> 			5			••••	****	13 1

DEATHS	ВҮ	AGES
		=

DEATHS BY AGE	3		
	Total	Males	Females
Under 1 day	4	2	2
1-2 days	3	2	1
2-3 days	3	3	0
3 days-1 week	1	0	1
1-2 weeks	0	0	0
2-3 weeks	1	0	1
3 wks-1 month	0	0	0
1-2 months	3	2	1
2-3 months	2	0	2
3-6 months	4	3	1
6.9 months	1	0	1
9-12 months	6	4	2
1 year	8	3	5
2 years	3	1	2
3 years	2	1	1
4 years	1	0	1
5-9 years	2	2	0
10-14 years	6	2	4
15-19 years	1	0	1
20-24 years	1	0	1
25-29 years	3	0	3
30-34 years	6	1	5
35-39 years	8	4	4
40-44 years	6	3	3
45-49 years1	.0	9	1
50-54 years1		5	5
55-59 years	5	3	2
60-64 years	9	5	4
65-69 years 1		3	8
70-74 years	9	5	4
75-79 years	6	Б	1
80-84 years	7	5	2
85-89 years	3	1	2
90-94 years			
95-99 years			
100+			
Unknown			
Total14	5	74	71

#### DEATHS BY WARDS

1	21
2	18
3	20
4	7
5	6
6	17
7	7
8	17
9	32

#### HOSPITALS

City Hospital	18
Union Hospital	7
St. Anne's Hospital	
Bay View Hospital	
Truesdale Hospital	
Contagious Hospital	1
City Home	

#### STILL BIRTHS

Males	8
Females	1
Unknown	
Total	9

NATIVITY	
Fall River	66
Massachusetts	12
Other States	14
Ireland	11
Canada	18
England	. 8
Scotland	2
Germany	
Azores	7
Austria	
France	
Belgium	
Russia	
Portugal	1
Italy	
Poland	
Mexico	
Australia	
Sweden	
Spain	
Greece	
Brazil	
Syria	1
Wales	
Norway	
Unknown	1

CEMETERIES
Oak Grove21
North Burial Ground11
St. John's 2
St. Mary's
St. Patrick's40
Notre Dame
Nwoo Hill 2
Agedas Aham
Our Lady of Light 2
Sent away for interment13
Brought here for interment28
SEX
Male
Female 71
White COLOR
White145
Colored
CONDITION
Married53
Single         59           Widowed         33
Divorced
Unknown
There were 186 cases of contagious diseases
reported for May, viz: Diphtheria16
Scarlet Fever
Typhoid Fever
Tuberculosis of Lungs
Tuberculosis, other forms
Whooping Cough
Measles
Suppurative Conjunctivitis
Chicken Pox
Anterior Poliomyelitis
Cerebro-Spinal Meningitis1
Pneumonia, Lobar 13 Mumps 10
Septic Sore Throat
Influenza
German Measles
Lethargica Encephalitis
Dog Bite

The following is the number of contagious diseases reported in each ward:

8-32 1-35 2--20 5-10 3-26 4-20 6-19 7-9 9-15

Estimating the population at 125,969, 145 deaths would give an annual death rate of 13.81 in 1,000 This is the same number as last month and 14 more than the same month in 1920.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.



# MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS.

SAMUEL B. MORRISS, AGENT.

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HEALTH DEPARTMENTS PLEASE EXCHANGE.

VOLUME VII

**JULY 1921** 

**NUMBER VII** 

### INFANT MORTALITY

During the year 1912, on account of the unpleasant publicity the city was getting, due to our high infant mortality, various local public welfare organizations joined with the health department in an effort to lower these figures. After several conferences, it was decided that the City Government be requested to appropriate funds so that a nurse could be employed by the Board of Health for the three summer months and that the cooperating organizations establish and maintain milk stations during the same period. Funds were provided for both these purposes.

In July of that year, the Board of Health employed one nurse and started the work of supervising the milk stations, visiting the homes of new-born children and instructing the mothers in the art of properly modifying milk and the care and feeding of their children. At the end of the three summer months, the services of the nurse were retained for the balance of the year and the position was later made permanent.

As a result of these activities, the number of deaths of children under five years for 1912 was 886 compared with 1072 for 1911. The following year, due to lack of funds, no milk stations were maintained and for that year there were 1015 children who died before reaching the age of five years and while, not as encouraging as the figures for 1912, it was a decrease from previous years.

Gradually, the nursing force of the department has been increased until at the present time, four graduate nurses are employed. However, new legislation placing additional duties upon the department and its nurses, has been enacted and has made it impossible to assign any of the nurses to full time infant hygiene work. All, however, do devote part of their time to this important work and we believe it is due to this and also to the effective work accomplished by the District Nursing Association, through its nurses, baby welfare stations, etc., that there has been a steady decline in the figures from 1913 to 1919, when, in the latter year, our infant death rate had dropped to 119 per thousand births. This, while not as low as we desired, or hoped for, was a great improvement over the past.

The following table of deaths under five years shows the decrease:

	Deaths Under
Years.	Five Years.
1911	
1912	
1913	
1914	 985
1915	 870
1916	 876
1917	
1918 (Year of influenza epidemic).	 969
1919	

However, our figures for 1920 are far from gratifying, for an increase of fifty-three in the number of deaths under one year made our rate for the year 129 and carried us up near our former position. In relation to these figures, it has been brought to our attention that we are again getting unpleasant publicity, as according to figures published by the U. S. Census Bureau, our infant mortality rate for the past year was 134 per thousand, and the number of deaths under one year 474. These were arrived at from data forwarded weekly by telegraph for fifty-three weeks, allowance being made for the four extra days which had to be deducted from fifty-three weeks to give a period of three hundred and sixty-six days. The actual number of deaths for the year were 461, thirteen less than the number figured by the Census Bureau.

Just what caused this increase is rather difficult to judge with the information at hand, but, undoubtedly, economic conditions were somewhat responsible. And the lack of housing facilities and the resulting doubling up and overcrowding of families which we wouldn't allow under ordinary conditions, no doubt, was also a factor in causing the increase.

The fact that there was an increase in the number of deaths from Diarrhœal Disease under two years of age from 144 in 1919 to 172 in 1920, that the diseases of early infancy increased from 90 to 132 and that the deaths under three months were 238 for 1920 compared with 204 for 1919 are significant and worthy of study. They would seem to indicate that while there must be no let-up in the infant welfare program that additional efforts must be made along the line of prenatal work. The only work of this character being performed at the present time is by the District Nursing Association in co-operation with the Union Hospital.

#### His Color Scheme.

A green little boy, in a green little way, A little green apple devoured one day; And the green little grasses now tenderly wave O'er the little green apple boy's green little grave.

It is said that fools rush in where angels fear to tread. Flies also rush in and the angels follow.

Protecting the home against disease is more necessary than protecting your property against fire and burglary. When you lose your health it is not so easy to rebuild as a house or repair as well as you can an automobile.

An Arabian proverb says: "He who has health has hope, and he who has hope has everything."

-Buffalo Sanitary Bulletin.

# MORTALITY FOR THE MONTH OF JUNE, 1921

-		_
1	Endemic or Infectious Diseases.	
1	Typhoid fever (abdominal typhoid	
	and para-typhoid)	
	1. Paratyphoid fevers	
2	Typhus fever (exanthematous)	
3		
4	melito—coccosis (Malta fever) Malarial fever or cachexia.  0. Malarial fever 1. Malarial cachexia	4
5	0, Malarial fever	
	1. Malarial cachexia	
6 7	Smallpox	
8	Scarlet lever	1
9 10	Whooping cough	2
11	Innuenza	
	Complications: 0. Pneumonia	
	1. Bronchitis	
	3. Nephritis	
	4. Meningitis	
	6. Puerperal	
10	7. Others	
12 13	Miliary fever	
14 15	Asiatic cholera	
10	Mumps Asiatic cholera Cholera nostras (choleriform enteritis)	
16	Dysentery	
	1. Bacillary	
	Dysentery  0. Amebic 1. Bacillary 2. Unspecified or due to other causes	
17	Plague	
	0. Bubonic	
	1. Pneumonic 2. Septicemic	
	3. Unspecified	
18 19	Yellow fever	
20		1
21 22	Erysipelas Acute poliomyelitis Encephalitis lethargica Epidemic cerebro-spinal meningitis.	1
23 24	Encephalitis lethargica	
25	Other epidemic diseases	
	Other epidemic diseases  0. Varicella  1. Rubella  2. Others	
	a. Others	
26 27	Purulent or septicemic infection	
28	Malignant pustule (anthrax)	
29 30	Rabies	
31	Purulent or septicemic infection Glanders and farcy Malignant pustule (anthrax) Rabies Tetanus Mycoses Tuberculosis of the respiratory system Tuberculosis of the meninges or of the central nervous system	
32	tem	9
33	Tuberculosis of the meninges or of	2
34	Tuberculosis of the intestines or	60
	Tuberculosis of the intestines or peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints Tuberculosis of other organs and	
35 36	Tuberculosis of the vertebral column	
37	Tuberculosis of other organs and	
	o. Tuberculosis of the skin or	
	subcutaneous cellular tissue	
	1. Tuberculosis of the bones (except vertebral column).	
	(except vertebral column).  2. Tuberculosis of the lymphatic system (except the	
	mesenteric and retroper-	
	urinary system	
38	4. Tuberculosis of other organs	
30	0. Acute (including miliary tu-	
	berculosis of the lungs, ex- cept that specified as	
	chronic or pulmonary)	
60	1. Chronic	
39	Syphilis (includes syphilic infection of any organ, tissue or structure of the body)  O. Primary	
	of the body)	
	1. Secondary	
	a. Icitialy	
	3. Hereditary	
40	Soft changes (used for morbidity	
41	Gonococcal infection except that of	
42	the eye or adnexa	
46	donococcar opithamia	

I	I.—General Diseases Not Included Above.	l
43	Cancer or other malignant tumors of the buccal cavity  0. Cancer of the lip  1. Cancer of the tongue  2. Cancer of the mouth  3. Cancer of the jaw  4. Others	
	0. Cancer of the lip	
	1. Cancer of the tongue 2. Cancer of the mouth	
	3. Cancer of the jaw	
44	Cancer or other malignant tumors	
	of the stomach and liver  0. Cancer of the pharynx	
	1. Cancer of the esophagus 2. Cancer of the stomach	1
	3. Cancer of the liver and gall	
45		1
	Cancer or other malignant tumors of the peritoneum, intestines and rectum  0. Cancer of the mesentery and peritoneum  1. Cancer of the intestines (except rectum)  2. Cancer of the rectum and annus  3. Others  Cancer or other malignant tumors of the female genital organs  0. Cancer of the ovary and fallopian tubes  1. Cancer of the uterus.  2. Cancer of the vagina and vulva  3. Others  Cancer or other malignant tumors	
	0. Cancer of the mesentery and	
	1. Cancer of the intestines (ex-	0
	cept rectum)	2
	annus	1
46	Cancer or other malignant tumors	
	0. Cancer of the ovary and	
	fallopian tubes	1
	2. Cancer of the vagina and	
	3. Others	
47	Cancer or other malignant tumors	
48	Cancer or other malignant tumors	
49	Cancer or other malignant tumors	
	of other or unspecified organs 0. Cancer of the larvnx	
	1. Cancer of the lung and	
	2. Cancer of the pancreas	1
	suprarenals	
	4. Cancer of the prostate	1
	6. Cancer of the brain	-
	vulva 3. Others Cancer or other malignant tumors of the breast Cancer or other malignant tumors of the skin Cancer or other malignant tumors of other or unspecified organs 0. Cancer of the larynx. 1. Cancer of the lung and pleura 2. Cancer of the pancreas. 3. Cancer of the kidneys and suprarenals 4. Cancer of the prostate. 5. Cancer of the bladder. 6. Cancer of the brain 7. Cancer of the bones (except jaw)	
	9. Others	
50	9. Others	
	nign or non-specified tumors of	
	0. Tumor of the brain	
	Benign tumors and tumors not returned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138).  0. Tumor of the brain  1. Tumor of thorax  2. Tumor of abdomen  3. Tumor of bladder  4. Tumor of prostate  5. Tumor of other location.  Acute febrile articular rheumatism Chronic rheumatism or gout.  0. Chronic rheumatism  1. Chronic gout	
	3. Tumor of bladder	
	5. Tumor of other location	
.51 52	Chronic rheumatism or gout	
	0. Chronic rheumatism	
<b>53</b> 54	Scurvy	
55	Pellagra Beri-beri	
56 57	Rickets Diabetes	5
58	Anemia, Chlorosis  0. Pernicious anemia	1
	1. Other anemias and chlorosis	-
59 60	Diseases of the pituitary gland Diseases of the thyroid gland	
	0. Exophthalmic goitre	
61	roid gland	
62	Diseases of the parathyroid gland. Diseases of the thymus Addison's disease (disease of the adrenals)	
63	Addison's disease (disease of the adrenals)	
64 65	adrenals) Diseases of the spleen Leukemia and Hodgkin's disease.	
40	0. Leukemia	
66	0. Leukemia	
67		
	0. Chronic lead poisoning	
68	o. Chronic lead poisoning Others Chronic poisoning by organic substances Other general diseases.	
69		
	1. Amyloid degenerations	
	2. Autointoxications	
	3. Hemophilia	

,		
	.—Diseases of the Nervous Systemand Organs of Special Sense.	em
70 71	Encephalitis Meningitis 0. Simple	
72	0. Simple	
73	of the diseases of the spinal cord.  Other diseases of the spinal cord.  Bulbar paralysis (Duchenne's disease)  Paralysis agitans (Parkinson's disease)  Acute ascending spinal paralysis (Landry's disease).  Myelitis	
	0. Bulbar paralysis (Duchenne's disease)	
	1. Paralysis agitans (Parkin- son's disease)	
	alysis (Landry's disease) 3. Myelitis	
74	4. Others	
	4. Others Cerebral hemorrhage, apoplexy 0. Cerebral hemorrhage 1. Cerebral thrombosis and em-	7
75	Paralysis (without specified cause)  0. Hemiplegia  1. Other forms of paralysis  General paralysis (of the insane)	1
76	1. Other forms of paralysis	
77	Other forms of mental alienation.	
78 79	Convulsions (non - nuerneral) (5	
80	Other forms of mental allenation. Epilepsy Convulsions (non-puerperal) (5 years and over) Infantile convulsions (under five years of age).	
81	years of age)	
01	Chorea  0. Chorea 1. Hysteria and neuralgia 2. Neuritis	
	2. Neuritis	
82 83	2. Neuritis Softening of the brain Other diseases of the nervous system	
84	Diseases of the organs of vision and	
	adnexa except gonococcal infection, No. 42  0. Diseases of the eye (except tumor)	
	1. Follicular conjunctivitis	
	2. Trachoma	
	2. Trachoma 3. Tumors of the eye 4. Other diseases of the eye or its adnexa	
85	Diseases of the organs of hearing and the mastoid process	
	Diseases of the organs of hearing and the mastoid process  Diseases of the ear.  Diseases of the ear.  Diseases of the mastoid process	
IV	Diseases of the Circulatory Syste	
86	Pericarditia	MI
87	Acute endocarditis and myocarditis  0. Acute endocarditis	1
88	1. Acute myocarditis	1
89	Angina pectoris Other diseases of the heart O. Chronic endocarditis Chronic myocarditis	2
	1. Chronic myocarditis 2. Other chronic diseases of	6
90	the heart	3
91	Aneurism Ane	5
92	Embolism and thrombosis (except cerebral)	J
93	cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.)	
94	Diseases of the lymphatic system	
95	(lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the cir-	
	culatory system	
V.— 96	Diseases of the Respiratory System Diseases of the nasal fossae and	m.
	their adnexa	
97	1. Others	
98	tuberculosis and cancer	
90	Bronchitis  0. Acute 1. Chronic	
	2. Not otherwise defined under	
	O. Acute     Chronic     Not otherwise defined under     Syears of age     Not otherwise defined, 5     years and over Broncho pneumonia (including can-	1
99	Broncho pneumonia (including cap-	1
	Broncho pneumonia (including capillary bronchitis)  O. Broncho pneumonia  Capillary bronchitis	7
100	Pheumonia	2
101	1. Not otherwise specified	1
101	0. Pleurisy	1

-				-		
102	Congestion or parenchymatous hem-		2. Other accidents of preg-		2. Carbolic acid	
103 104	Gangrene of the lung	144	nancy		3. Cocaine 4. Lysol	
105	Asthma Emphysema of the lung	145	Other accidents of childbirth  0. Cesarian section		5. Opium (morphine)	1
106	system (tuberculosis excepted)		and instrumental delivery	170	8. Not specified or unknown	
	0. Chronic interstitial pneumo- nia (including occupational	146	2. Others	178 179	Conflagration	
	diseases of the lung)  1. Diseases of the mediasti-	147	Phlegmasia alba dolens, puerperal embolism or sudden puerperal		flagration excepted) 0. Stoves	
	num	148	death		1. Lamps 2. Steam	
VI	Diseases of the Digestive System.	149	sions		3. Hot fluids	1
107	Diseases of the mouth and adnexa.  0. Diseases of the teeth and	150	tion)		5. Bonfires	
	gums	IX	Diseases of the Skin or Cellular	180	7. Unknown	
108	cavity and adnexa Diseases of the pharynx and tonsils		Tissue.		0. Foreign body in larynx 1. Overlying	
	(includes adenoids)	151	Gangrene	181	2. Others	
	1. Ludwig's angina		Boil, carbuncle, furuncle		able or poisonous gas  0. Illuminating gas	
	3. Adenoids 4. Others		Tinea and alopecia (morbidity only)		1. Chloroform or ether	
109 110	Diseases of the esophagus Ulcer of the stomach and duode-	154b 155	Pruritis (morbidity only) Other diseases of the skin and its		3. Ammonia fumes	
110	num 0. Ulcer of the stomach		adnexa		4. Sewer gas 5. Other gases 6. Unknown	
111	1. Ulcer of the duodenum	X	Diseases of the Bones and Organs	182	Accidental drowning	
111	Other diseases of the stomach (can- cer excepted	450	of Locomotion.	400	0. Rivers, ponds, etc	1
	0. Indigestion		Diseases of the bones (tubercu- losis excepted)		Accidental injury by firearms (wounds of war excepted)	
	2. Stricture or stenosis of py- lorus	157	Diseases of the joints (tubercu- losis and rheumatism excepted)		Accidental injury by cutting or piercing instruments	
112	3. Others	158	Other diseases of the bones or organs of locomotion	185	Accidental injury by falls	
113	years of age)		XI.—Malformations.		holds of vessels	1
114	over)	159	Congenital malformations (still-		2. From buildings	
115	Diseases due to other intestinal parasites		births excepted) 0. Hydrocephalus		4. From scaffolds	
	0. Cestodes (hydatids of the liver excepted)		1. Malformations of the heart 1 2. Others		6. From vehicles	
	1. Trematodes		XII.—Diseases of Early Infancy.	186	9. Other falls	
	kylostoma) 3 Coccidia	160	Congenital debility, icterus and sclerema		quarries 0. In mines	
	4. Other parasites		0. Marasmus 1. Inanition	187	1. In quarries Accidental traumatism by machines	
116 117	Appendicitis and typhlitis Hernia, intestinal obstruction		2. lcterus		0. Deaths by machinery 1. Deaths by elevators	
	0. Hernia 2  1. Intenstinal obstruction 2	161	4. Others Premature birth, or consequence of	188	Accidental traumatism by other crushing (vehicles, railways,	
118	Other diseases of the intestines  0. Diseases of the anus and		labor 5		landslides, etc.)	
	stercoral fistulae 1 1. Other diseases of the intes-	162	1. Injury at birth 1 Other diseases peculiar to early in-		etc	
119	Acute yellow atrophy of the liver		fancy		2. Run over by other vehicles 3. Run over by electric surface	
120 121	Hydatid tumor of the liver		1. Atelectasis		4. Run over by steam railroad	
	Returned as alcoholic     Not returned as alcoholic		3. Umbilical hemorrhage 4. Others 1		5. Run over by elevated rail-	
122 123	Biliary calculi	163	Lack of care		for Run over by subway cars	
	Diseases of the pancreas except cancer	164	XIII.—Old Age. Old age (senility)		<ol> <li>Crushed by falling bodies</li> <li>Crushed by derricks, stones,</li> </ol>	
	Other diseases of the digestive		XIV.—External Causes.	100	9. Other causes	
	system (cancer and tuberculosis excepted)	165	Suicide by solid or liquid poisons (corrosive substances excepted)	190	Injuries by animals (not poisoning) Wounds received in war	
VII	Non-Venereal Diseases of the		0. Opium, morphine		Executions of civilians by bellig- erent armies Excessive labor	
	Genito-Urinary System and		2. Chloroform (ether) 3. Others	192b	Starvation (deprivation of food or water)	
127	its Adnexa.  Acute nephritis (including unspeci-	166	Suicide by corrosive substances  0. Arsenic (paris green)	193 194	Excessive cold Excessive heat	
128			Bichloride of mercury     Carbolic acid	195 196	Lightning Other accidental electric shocks	
129			3. Cyanides (prussic acid) 4. Oxalic acid	197 198	Homicide by firearms	1
130	their adnexa (diseases of the		5. Muriatie acid (hydrochloric acid)	199	Homicide by other means	
131	kidney in pregnancy excluded) Calculi of the urinary passages	167	6. Other corrosive poisons Suicide by poisonous gas		Infanticide (murder of infants less than 1 year of age)	
	Diseases of the bladder (except tumors)		0. Illuminating gas	201	Fracture (cause not specified)  0. Dislocations	
133	Diseases of the urethra, urinary abcess, etc.		2. Coal gas		1. Sprains	
464	0. Stricture of the urethra 1. Others	168 169	Suicide by hanging or strangulation Suicide by drowning	202	Other external violence	
	Diseases of the prostate (except tumors)		0. Rivers, etc		1. Explosions	
	Non-venereal diseases of the male genital organs	170	Suicide by cutting or piercing in-		2. Salvarsan injection 3. Other medicaments (injec-	
	Cysts and other benign tumors of the ovary	172	struments		4. Other external violence	
137 138 139	Saipingitis or peivic absects  Benign tumors of the uterus  Non-puerperal uterine hemorrhage.	173	places Suicide by crushing	203	Violent deaths of which the cause is unknown	
140		174 175	Other suicides		XV.—Ill-Defined Diseases.	
	organs		0. Mushrooms 1. Shell fish 2. Pork sausages	204		
142	breast (cancer excepted)	178	3. Others	205	Cause of death not specified or ill-defined	
143	VIII.—The Puerperal State. Accidents of pregnancy	177	Other acute accidental poisonings (gases excepted)		1. No disease; malingering	
. 10	0. Abortion		0. Ethyl alcohol		2. Surgical operation	10
	I. Doopto godinion	1	a Diemoriae of mercury		101712	

#### CONTAGIOUS HOSPITAL REPORT FOR JUNE, 1921

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat	Diphtheria	Malaria	Measies	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Whooping Cough	Gonorrhea	Syphillis	Suppurative Conjunctivitis	Tetanus	Total
Patients admitted Termination { Recovery   Death			5 5 		6 2 1	****		****	****	****	3 3 	****	1	1	****	****	****	****	17 10 1

#### DEATHS BY AGES

	Total	Males	Females
Under 1 day	3	2	1
1-2 days	0	0	0
2-3 days	1	1	0
3 days-1 week	3	1	2
1-2 weeks	0	0	0
2-3 weeks	0	0	0
3 wks-1 month	2	2	0
1-2 months	2	1	1
2-3 months	0	()	0
3-6 months	5	4	1
6-9 months	1	0	1
9-12 months	4	1	3
1 year	4	0	4
2 years	3	2	1
3 years	3	2	1
4 years	2	1	1
5-9 years	1	0	1
10-14 years	4	1	3
15-19 years	2	2	0
20-24 years	3	0	3
25-29 years	4	2	2
30-34 years	2	2	0
35-39 years	3	0	3
40-44 years	1	0	1
45-49 years	2	0	2
50-54 years	8	6	2
55-59 years	6	4	2
60-64 years	9	5	4
OU-OU Junia	12	4	8
70-74 years	9	3	6
75-79 years	3	3	0
80-84 years	6	3	3
85-89 years	2	0	2
90-94 years			
95-99 years			
100+			
Unknown			
Total1	10	52	<b>5</b> 8

#### DEATHS BY WARDS

A	**************************************	4
2	1	6
3		7
4		4
5		6
6	***************************************	9
7	••••••••••	1
0	2	5

#### HOSPITALS

City Hospital	9
Union Hospital	10
St. Anne's Hospital	1
Bay View Hospital	
Truesdale Hospital	3
Contagious Hospital	3
City Home	2

#### STILL BIRTHS

Males 6	3
Females	7
Unknown	
Total18	3

NATIVITY	
Fall River4	5
Massachusetts	5
Other States	7
Ireland1	5
Canada	9
England1	.1
Scotland	2
Germany	
Azores1	0
Austria	1
France	
Belgium	1
Russia	
Portugal	1
Italy	
Poland	2
Mexico	
Australia	
Sweden	
Spain	
Greece	
Brazil	
Syria	
Tasmania	1
Norway	
Unknown	

#### CEMETERIES

Oak Grove...

North Burial Ground 8
St. John's 3
St. Mary's 1
St. Patrick's45
Notre Dame
Nwoo Hill
Agedas Aham
Our Lady of Light
Sent away for interment 6
Brought here for interment31
SEX
Male 52
Female58
COLOR
White110
Colored
CONDITION
Married35
Single
Widowed 23 Divorced 1
Unknown
There were 193 cases of contagious diseases
reported for June, viz:
Diphtheria
Typhoid Fever 7
Tuberculosis of Lungs 20
Tuberculosis, other forms

9

12

9 - 34

Whooping Cough.....

Ophthalmia Neonatorum

Pneumonia, Lobar.....

Septic Sore Throat....

Suppurative Conjunctivitis

Measles.

Chicken Pox .. Anterior Poliomyelitis... Cerebro-Spinal Meningitis ...

Mumps ....

Influenza.. German Measles.. Lethargica Encephalitis Dog Bite..... Gonorrhoea Malaria....

The following is the number of contagious diseases reported in each ward:

2--19 7 - 41-43 3-26

Estimating the population at 125,969, 110 deaths would give an annual death rate of 10.48 in 1,000 This is 35 less than last month and 15 less than the same month in 1920.

FRANK L. LARKIN, Secretary.

8-18

SAMUEL B. MORRISS, Agent.

TALL RIVER

TOURSE AD 1002

# MONTHLY BULLETIN

— OF THE —

# BOARD OF HEALTH

CITY OF FALL RIVER

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**VOLUME VII** 

**AUGUST 1921** 

NUMBER VIII

### WHOOPING COUGH

With the exception of Whooping Cough the Contagious Disease situation for the month of July was very favorable. The number of cases of Whooping Cough was in excess of the number that we would normally expect. Although the increase of cases reported was slight, when it is considered that comparatively few cases are seen by physicians, it is practically certain this indicates a large increase in the actual number of cases.

The belief of many parents is that this along with the other "children's diseases" must be "caught" sooner or later by all children and the sooner the better. This belief is responsible for a great many cases, as not only will some parents allow their children, when ill, to mingle with the other youngsters, but at times will deliberately expose them to infection. While in itself it may not be especially serious, it is directly and indirectly the cause of many deaths and is followed by many serious complications. Complications are very apt to follow when the child affected is weak and puny.

Like other of the "children's diseases" whooping cough is difficult to diagnose in the early stages and is generally mistaken for a simple cold during the first week and is not recognized till the child starts to "whoop". During the early stages the disease is communicable, but only by immediate association as the infection which is carried from the secretions of the nose and throat are short lived outside the body and are only transferable for short distances. Because of these factors the only way that Whooping Cough will be eliminated is by promptly isolating any child who has a cough or what appears to be a cold in the head. A cold in itself warrants isolation and care and this procedure should be followed at all times, but its necessity is much greater when whooping cough is prevalent. And only when the average parent realizes the seriousness of the disease and the fallacy of the belief that it is best for the child to have the disease while it is young, can we expect to reduce its prevalence. For with this knowledge will come, we believe, the determination to safeguard the child by paying attention to what they now consider minor illnesses, but what we know often indicate and are the forerunners of serious diseases.

### CARE OF MILK IN THE HOME

- 1. Buy only the best milk obtainable. It is cheapest in the long run.
- 2. Take milk into the house as soon as it is delivered, and place it in the refrigerator immediately. Bacteria increase rapidly in milk which stands in the sun or warms up, and such milk will sour quickly.
- 3. Keep milk in the original bottle in the refrigerator until the moment of serving. Milk which has been poured from the bottle should not be returned to it.
- 4. Keep the bottle covered with a paper cap or an inverted tumbler, to prevent the entrance of flies and dust, which may carry dangerous bacteria into the milk.
- 5. Keep the refrigerator clean and sweet by means of proper drainage and frequent washing with scald-

- ing water and sal soda, since milk quickly absorbs unpleasant odors and becomes less palatable.
- 6. Wash milk bottles as soon as emptied, by rinsing first with lukewarm water and then with hot water. If there is an infectious disease in your house, do not return any bottles except with the knowledge of the health department and under conditions which it may prescribe.
- 7. Return empty bottles promptly, and do not use them for anything except milk. Remember that they are the property of the dealer and represent cash.
- 8. Remember that clean milk, properly cared for, is one of the best foods obtainable. It is nourishing, digestible and economical.
  - 9. Keep Milk Clean, covered and cold.

# MORTALITY FOR THE MONTH OF JULY, 1921

International List of Causes of Death, as Adopted at the Third International Congress for the Revision of the Classification of Causes of Death, Held at Paris, October, 1920.

1	-Endemic or Infectious Diseases.	
1	Typhoid fever (abdominal typhoid	
	and para-typhoid)  0. Typhoid fever	
2	Typhus fever (exanthematous) Relapsing fever (spirillum obermei-	
4	Melito—coccosis (Malta fever)	
5	Malarial lever or cachexia	
6	1. Malarial cachexia Smallpox	
7 8	Scarlet fever	
9	Whooping cough	3
11	Influenza Complications:	
	0. Pneumonia 1. Bronchitis	
	2. Heart diseases	
	4 Maningitie	
	5. Gastro intestinal 6. Puerperal 7. Others	
12 13	3.5121	
14 15	Asiatic cholera	
16	teritis)	
10	0. Amebic	
	Mulary Tever Mumps Asiatic cholera Cholera nostras (choleriform enteritis) Dysentery  0. Amebic 1. Bacillary 2. Unspecified or due to other causes	
17		
	0. Bubonic 1. Pneumonic 2. Septicemic	
40	3. Unspecined	
18 19	Yellow fever Icterohemorrhagica spirochetosis. Leprosy Erysipelas Acute poliomyelitis Encephalitis lethargica Epidemic cerebro-spinal meningitis. Other epidemic diseases 0. Varicella 1. Rubella 2. Others	
20 21 22	Erysipelas	
23	Encephalitis lethargica	1
25	Other epidemic diseases	
	1. Rubella 2. Others	
26	Purulent or septicemic infection Glanders and farcy. Malignant pustule (anthrax) Rabies	
27 28 29	Malignant pustule (anthrax)	
30	Tetanus Mycoses Tuberculosis of the respiratory sys-	
32	Tuberculosis of the respiratory system	c
33	tem Tuberculosis of the meninges or of the central nervous system	6
34	Thinhardillogic of the integlines or	1
35 36	Tuberculosis of the vertebral column Tuberculosis of the joints	,
37	Tuberculosis of other organs and	
	0. Tuberculosis of the skin or subcutaneous cellular tissue	
	(except vertebral column).	
	2. Tuberculosis of the lym- phatic system (except the	
	mesenteric and retroper- itoneal glands)	
	itoneal glands)  3. Tuberculosis of the genito- urinary system	
38	4. Tuberculosis of other organs Disseminated tuberculosis 0. Acute (including miliary tu-	
	berculosis of the lungs, ex- cept that specified as	
	chronic or pulmonary)	
39	1. Chronic	
	of any organ, tissue or structure of the body)	
	1. Secondary	
	2. Tertiary	
40	4. Period not specified Soft chancre (used for morbidity	
41	Gonococcal infection except that of	
42	the eye or adnexa	

ON	of Causes of Death, Held at	P
I	I.—General Diseases Not Included Above.	
43		
	Cancer or other malignant tumors of the buccal cavity	
	1. Cancer of the tongue	
	2. Cancer of the mouth	
4.4	4. Others	
44	of the stomach and liver	
	0. Cancer of the pharynx	
	2. Cancer of the stomach	4
	3. Cancer of the liver and gall	2
45	Cancer or other malignant tumors	Gid
	of the peritoneum, intestines and	
	v. Cancer of the mesentery and	
	peritoneum 1. Cancer of the intestines (ex-	
	cept rectum)	
	annus	
46	3. Others	
-10	of the female genital organs	
	0. Cancer of the ovary and fallopian tubes	
	1. Cancer of the uterus	
	z. Cancer of the vagina and vulva	
47	3. Others Cancer or other malignant tumors of the female genital organs 0. Cancer of the ovary and fallopian tubes 1. Cancer of the uterus 2. Cancer of the vagina and vulva 3. Others Cancer or other malignant tumors of the breast Cancer or other malignant tumors of the skin Cancer or other malignant tumors	
47	of the breast	1
48	Cancer or other malignant tumors	
49	Cancer or other malignant tumors	
	of other or unspecified organs 0. Cancer of the larvnx	
	1. Cancer of the lung and	
	2. Cancer of the pancreas	1
	3. Cancer of the kidneys and	
	4. Cancer of the prostate	1
	5. Cancer of the bladder	
	7. Cancer of the bones (except	
	Cancer or other malignant tumors of other or unspecified organs  0. Cancer of the larynx  1. Cancer of the lung and pleura  2. Cancer of the pancreas  3. Cancer of the kidneys and suprarenals  4. Cancer of the brain  6. Cancer of the brain  7. Cancer of the bones (except jaw)  8. Cancer of the testes  9. Others  Benign tumors and tumors not returned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138).  0. Tumor of the brain  1. Tumor of thorax  2. Tumor of abdomen  3. Tumor of bladder  4. Tumor of prostate  5. Tumor of other location.  Acute febrile articular rheumatism Chronic rheumatism or gout  0. Chronic rheumatism  1. Chronic gout	
	9. Others	1
50	turned as malignant (except be-	
	nign or non-specified tumors of	
	0. Tumor of the brain	1
	1. Tumor of thorax	
	3. Tumor of bladder	
	4. Tumor of prostate	
.51	Acute febrile articular rheumatism	1
52	0. Chronic rheumatism or gout	
53	0. Chronic rheumatism 1. Chronic gout Scurvy	
54	Penagra	
55 56	Beri-beri	
57	Diabetes	5
58	Anemia, Chlorosis	
59	0. Pernicious anemia	
60	Diseases of the thyroid gland	
	roid gland	
61 62	Diseases of the parathyroid gland Diseases of the thymus	
63	Addison's disease (disease of the	
64	Addison's disease (disease of the adrenals) Diseases of the spleen. Leukemia and Hodgkin's disease.	
65	Leukemia and Hodgkin's disease	
	0. Leukemia	
66 67	Alcoholism (acute or chronic)	
01	stances	
	stances 0. Chronic lead poisoning 1. Others	
68	Chronic poisoning by organic sub-	
69	Other general diseases	
	0. Acidosis	
	Z. Autointoxications	
	3. Hemophilia	
	5 Othora	

5. Others .....

Ш	Diseases of the Nervous Systemand Organs of Special Sense.	em
70	Encephalitis	
71	Meningitis  0. Simple	2
70	al meningitis	
72	dorsalis)	
73	Meningitis  0. Simple 1. Non-epidemic cerebro - spinal meningitis Progressive locomotor ataxia (tabes dorsalis) Other diseases of the spinal cord. 0. Bulbar paralysis (Duchenne's disease) 1. Paralysis agitans (Parkinson's disease) 2. Acute ascending spinal para	
	1. Paralysis agitans (Parkin-	
	alysis (Landry's disease)	
74	4. Others	
/4	0. Cerebral hemorrhage, apoplexy. 0. Cerebral hemorrhage 1. Cerebral thrombosis and embolism Paralysis (without specified cause) 0. Hemiplegia 1. Other forms of paralysis. General paralysis (of the insane). Other forms of month elicentics	7
75	bolism	1
	1. Other forms of paralysis	
76 77	General paralysis (of the insane) Other forms of mental alienation	
77 78 79	Epilepsy	1
80	years and over)	
81	Other forms of mental alienation. Epilepsy Convulsions (non-puerperal) (5 years and over) Infantile convulsions (under five years of age).	
٠.	0. Chorea	
82	2. Neuritis	
83	Chorea  0. Chorea  1. Hysteria and neuralgia 2. Neuritis Softening of the brain Other diseases of the nervous system	
84	biseases of the organs of vision and adnexa except gonococcal infection, No. 42	
	tion, No. 42	
	tumor)	
	2. Trachoma	
	4. Other diseases of the eve or	
85	Diseases of the organs of hearing	
	and the mastoid process  0. Diseases of the ear  1. Diseases of the mastoid	
	process	
IV 86		m
87	Pericarditis Acute endocarditis  Acute endocarditis	
0.0	1. Acute inyocarditis	4
88 89	O. Acute endocarditis  O. Acute endocarditis  L. Acute myocarditis  Angina pectoris  Other diseases of the heart  Other diseases of the heart	2
	o. Chilothic chaocai artis	6
	1. Chronic myocarditis 2. Other chronic diseases of the heart	4
90 91	Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except	
92	Embolism and thrombosis (except	5
93	cerebral)	
94	hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system	
95	(lymphangitis, etc.)	
	Embolism and thrombosis (except cerebral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system (lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the circulatory system.	
V	Diseases of the Respiratory System	m.
96	their adnexa	
0.7	1. Others	
97 98	their adnexa  0. Diseases of the nasal fossae 1. Others  Diseases of the larynx (except tuberculosis and cancer  Bronchitis	
30	0. Acute	
	1. Chronic 2. Not otherwise defined under	
	*5 years of age	
99	Broncho pneumonia (including cap-	
	o. Dionello pheumoma	3
100	1. Capillary bronchitis Pneumonia	
	Pneumonia  0. Lobar 1. Not otherwise specified Pleurisy	1
101	0. Pleurisy	
	1. Empyema of thoracic cavity	

-		1	
102	Congestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolic acid
	orrhage of the lung	nancy	3. Cocaine
103	Gangrene of the lung	144 Puerperal hemorrhage	4. Lysol
104	Asthma 1	145 Other accidents of childbirth	5. Opium (morphine)
105	Emphysema of the lung	0. Cesarian section	6. Wood alcohol
100	Other diseases of the respiratory system (tuberculosis excepted)	1. Other surgical operations and instrumental delivery	7. Others
	0. Chronic interstitial pneumo-	2. Others	178 Conflagration
	nia (including occupational	146 Puerperal septicemia	179 Accidental burns and scalds (con-
	diseases of the lung)	147 Phlegmasia alba dolens, puerperal	flagration excepted)
	1. Diseases of the mediasti-	embolism or sudden puerperal	0. Stoves
	num	148 Puerperal albuminuria or convul-	1. Lamps
V / E		sions 1	2. Steam
V I	-Diseases of the Digestive System.	149 Childbirth (without other explana-	4. Matches
107	Diseases of the mouth and adnexa.	tion)	5. Bonfires
	0. Diseases of the teeth and	150 Puerperal diseases of the breast	6. Others
	gums 1. Other diseases of the buccat	IX.—Diseases of the Skin or Cellular	7. Unknown
	cavity and adnexa	_	0. Foreign body in larynx
108	Diseases of the pharvny and tonsils	Tissue.	1. Overlying
	(includes adenoids)	151 Gangrene	2. Others
	v. Streptoccic sore throat	152 Boil, carbuncle, furuncle 1	181 Accidental absorption of irrespir-
	1. Ludwig's angina	153 Phlegmon, acute abscess	able or poisonous gas 0. Illuminating gas
	3. Adenoids	154a Tinea and alopecia (morbidity	1. Chloroform or ether
400	4. Others	only)	2. Coal gas
109	Diseases of the esophagus	155 Other diseases of the skin and its	3. Ammonia fumes
110	Ulcer of the stomach and duode- num	adnexa	4. Sewer gas
	0. Ulcer of the stomach	XDiseases of the Bones and Organs	6. Unknown
	1. Ulcer of the duodenum	11. Discuses of the Bolles and Organs	132 Accidental drowning
111	Other diseases of the stomach (can-	of Locomotion.	0. Rivers, ponds, etc 1
	cer excepted	156 Diseases of the bones (tubercu-	1. Others by firearms
	1. Gastritis	losis excepted)	183 Accidental injury by firearms (wounds of war excepted).  184 Accidental injury by cutting or piercing instruments
	2. Stricture or stenosis of py-	137 Diseases of the Joints (tubercu-	184 Accidental injury by cutting or
	lorus	losis and rheumatism excepted) 2	plercing instruments
112	3. Others	158 Other diseases of the bones or or-	185 Accidental injury by fails
112	years of age) 9	gans of locomotion	0. Down shafts, hatchways. holds of vessels
113	Diarrhea and enteritis (2 years and	XIMalformations.	1. Down stairs
	over) 3		2. From buildings
114	Ankylostomiasis	159 Congenital malformations (still-births excepted)	3. From fire-escapes
115	Diseases due to other intestinal parasites	0. Hydrocephalus	4. From scaffolds
	0. Cestodes (hydatids of the	1. Malformations of the heart 2	6. From vehicles
	liver excepted)	2. Others 1	1. On streets, sidewalks, etc
	1. Trematodes	XII Diseases of Early Infancy.	9. Other falls 2
	2. Nematodes (other than ankylostoma)	160 Congenital debility, icterus and	186 Accidental traumatism in mines and quarries
	3 Coccidia	scierema	0. In mines
	4. Other parasites	0. Marasmus	1. In quarries
	5. Parasites not specified	1. Inanition	187 Accidental traumatism by machines
115	Appendicitis and typhlitis 4	2. Icterus	0. Deaths by machinery
117	Hernia, intestinal obstruction 0. Hernia	3. Sclerema 1	1. Deaths by elevators  188 Accidental traumatism by other
	1. Intenstinal obstruction	161 Premature birth, or consequence of	crushing (vehicles, railways.
118	Other diseases of the intestines	labor	landslides, etc.)
	0. Diseases of the anus and	0. Premature birth 8	0. Run over by wagons, trucks,
	stercoral fistulae	1. Injury at birth	etc
	times	162 Other diseases peculiar to early infancy	2. Run over by other vehicles
119	Acute yellow atrophy of the liver	0. Asphyxia neonatorum	3. Run over by electric surface
120	Hydatid tumor of the liver	1. Atelectasis 1	cars
121	Cirrhosis of the liver	2. Umbilical infection	4. Run over by steam railroad
	1. Not returned as alcoholic	3. Umbilical hemorrhage 2	5. Run over by elevated rail-
122	Biliary calculi	163 Lack of care	road cars
123	Other diseases of the liver	VIII OH A.	6. Run over by subway cars
124	Diseases of the pancreas except	XIII.—Old Age.	7. Crushed by falling bodies 8. Crushed by derricks, stones,
125	Peritonitis of unstated cause	164 Old age (senility)	etc
126	Other diseases of the digestive	XIV.—External Causes.	9. Other causes
	system (cancer and tuberculosis		189 Injuries by animals (not poisoning)
	excepted)	165 Suicide by solid or liquid poisons (corrosive substances excepted)	190 Wounds received in war
VII	Non-Venereal Diseases of the	0. Opium, morphine	erent armies
	Genito-Urinary System and	1. Strychnine	192a Excessive labor
		2. Chloroform (ether) 3. Others	192b Starvation (deprivation of food or water)
	its Adnexa.	166 Suicide by corrosive substances	193 Excessive cold
127	Acute nephritis (including unspeci-	0. Arsenic (paris green)	194 Excessive heat 1
128	fied under 10 years of age) Chronic nephritis (including un-	1. Bichloride of mercury	195 Lightning
160	specified over 10 years of age 13	2. Carbolic acid	196 Other accidental electric shocks 197 Homicide by firearms
129	Chyluria	4. Oxalic acid	198 Homicide by cutting or piercing in-
130	Other diseases of the kidneys and	5. Muriatic acid (hydrochloric	struments
	their adnexa (diseases of the kidney in pregnancy excluded) 1	acid)	199 Homicide by other means 200 Infanticide (murder of infants less
131	Calculi of the urinary passages	6. Other corrosive poisons 167 Suicide by poisonous gas	200 Infanticide (murder of infants less than 1 year of age)
132	Diseases of the bladder (except	0. Illuminating gas	201 Fracture (cause not specified)
100	tumors)	1. Chloroform	0. Dislocations
133	Diseases of the urethra, urinary abcess, etc.	2. Coal gas	1. Sprains
	0. Stricture of the urethra	3. Others	fied)
	1. Others	169 Suicide by drowning	fied)
134	Diseases of the prostate (except	0. Rivers, etc	0. Criminal abortion
135	tumors )	1. Others	1. Explosions
	genital organs	171 Suicide by arearms	3. Other medicaments (injec-
136	Cysts and other benign tumors of	struments	tion)
137	the ovary	172 Suicide by jumping from high	4. Other external violence
138	Benign tumors of the uterus 1	places	203 Violent deaths of which the cause is unknown
139	Non-puerperal uterine hemorrhage.	174 Other suicides	
140	Metritis	175 Poisoning by food	XVIll-Defined Diseases.
141	Other diseases of the female genital	0. Mushrooms	204 Sudden death
142	Non-puerperal diseases of the	1. Shell fish	205 Cause of death not specified or ill-
	breast (cancer excepted)	3. Others	defined
	VIII.—The Puerperal State.	176 Poisoning by venomous animals 177 Other acute accidental poisonings	0. Ill-defined or not specified 3
143	Accidents of pregnancy	(gases excepted)	1. No disease; malingering 2. Surgical operation
	0. Abortion	0. Ethyl alcohol	
	1. Ectopic gestation	1. Bichloride of mercury	TOTAL 138

### CONTAGIOUS HOSPITAL REPORT FOR JULY, 1921

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Whooping Cough	Gonorrhea	Syphillis	Suppurative Conjunctivitis Meningitis T. B. Tetanus	Total
Patients admitted Termination { Recovery Death	1	****		1 3 1	••••	3 1	****	****		2 2 		1	1	****		1 2	8 11 1

DE	AI	LI2	DI	AGES

	Total	Males	Females
Under 1 day	8	3	5
1-2 days	2	0	2
2-3 days	1	1	0
3 days-1week	3	0	3
1-2 weeks	2	1	1
2-3 weeks	1	1	0
3 wks-1 month	0	0	0
1-2 months	2	1	1
2-3 months	4	3	1
3-6 months	7	6	1
6-9 months	2	0	2
9-12 months	2	2	0
1 year	4	3	1
2 years	1	0	1
3 years	3	1	2
4 years	1	1	0
5-9 years	3	3	0
10-14 years	5	2	3
15-19 years	1	1	0
20-24 years	2	1	1
25-29 years	5	2	3
	2	1	1
	3	1	2
	в	5	1
45-49 years1	0	7	3
	5	3	2
	8	5	3
60-64 years1	3	4	9
•	8	5	3
	6	3	3
	6	5	1
-	8	5	3
	4	0	4
90-94 years			
95-99 years			
100 +			
Unknown			
	0	10	40
Total13	0	76	62

### DEATHS BY WARDS

	1	31
)	2	17
	3	16
	4	16
	5	3
	6	9
	7	3
	8	19
	9	24

#### HOSPITALS

City Hospital	9
Union Hospital	11
St. Anne's Hospital	
Bay View Hospital	1
Truesdale Hospital	1
Contagious Hospital	
City Home	

#### STILL BIRTHS

Males	7
Females	5
Unknown	
Total	12

#### NATIVITY

NATIVILI
Fall River 69
Massachusetts 8
Other States 7
Ireland 8
Canada16
England14
Scotland
Germany
Azores 12
Austria
France
Belgium
Russia 1
Portugal
Italy
Poland 1
Denmark 1
Australia
Sweden
Spain
Greece
Brazil
Syria
Bermuda 1
Norway
Unknown

# CEMETERIES Oak Grove.....

North Burial Ground 9
St. John's 5
St. John's       5         St. Mary's       2
St. Patrick's
Notre Dame
Nwoo Hill
Agedas Aham 1
Our Lady of Light
Sent away for interment
Brought here for interment33
SEX
Male
Female62
COLOR
White 138
Colored
CONDITION
Married
Single 72
Widowed20
Divorced 1
Unknown
There were 92 cases of contagious diseases
reported for July, viz:
Diphtheria7
Scarlet Fever 3
Typhoid Fever 4
Tuberculosis of Lungs
Tuberculosis, other forms

Whooping Cough...

Septic Sore Throat....

Chicken Pox.....

Ophthalmia Neonatorum ..... Suppurative Conjunctivitis ...

Measles.

Mumps .....

Malaria.....

The following is the number of contagious diseases reported in each ward:

1—18 2—8 3—13 4—7 5—5 6—13 7—7 8—10 9—11

Estimating the population at 125,969, 138 deaths would give an annual death rate of 13.15 in 1,000

This is 28 more than last month and 28 more than the same month in 1920.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

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# MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

CITY OF FALL RIVER

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#### DIPHTHERIA.

When but seven cases of Diphtheria were reported during the month of July, we were hopeful that this disease would assume its normal proportion. We, however, apparently were too optimistic for twenty-two cases were reported during August, the largest number recorded during the corresponding month for the past eight years, with the exception of August, 1917, when there were twenty-three cases. Although there has been no epidemic of this disease, for some time past the number of cases of the disease were above normal. This condition has also been general throughout the country.

We have several times called attention to the availability of the Schick Test and advised its use. By the use of this serum, it is possible to learn whether or not a child is liable to "catch" Diphtheria. The method of administering the serum is painless and simple. If the person inoculated reacts to the serum, he is susceptible to the disease. Then toxin-antitoxin can be used to immunize against the disease. In about ninety-five per cent of persons previously susceptible to Diphtheria, it has been found that this immunity lasts for years and possibly for life.

The serum for this test and the toxin-antitoxin are furnished free by the Department of Public Health of the Commonwealth, and may be secured through this office.

As the number of cases of Whooping Cough reported during the month of August was practically fifty per cent. greater than the number recorded in July, we would again call the attention of parents to the seriousness of this disease, and would request them to protect their children against it. That cough or cold that your child has may develop into whooping cough. Take no chances; safeguard the health and life of your own child and prevent the infection of others by isolation and proper care before it is too late.

A slight decrease in the number of deaths of infants under, one year has been noted during the months of June, July and August. The number of deaths for 1920 was 102, for 1921, 98.

#### GETTING READY FOR SCHOOL.

Do you remember the excitement of the old days down on the farm, when you were getting ready for the opening of school in September? You were outgrowing your "Good Suit," so it was to be taken for school purposes. You had a new pair of shoes that felt very stiff and uncomfortable after a summer of being barefoot. The purchase of new school books brought thrills that you can still vividly recall. You turned the leaves carefully and marveled over the pictures in the "Reader," Geography, History, etc. You had your lunch "packed" in a new and shiny tin pail with a little drinking cup on the top. With this pail and your school books you trudged down the dusty road, joined here and there along the way by other children bound for the same destination. These were some of the most important events of that time in getting ready for school.

The modern child, whose parents are careful, has a much different experience in making preparations for school. The most important part of his preparation is a careful physical examination. The condition of the heart, lungs and other organs is carefully investigated. The mouth and throat are examined, bad teeth are treated, adenoids and diseased tonsils are removed. Vaccination is performed, if not already done. Causes of malnutrition are investigated and advice is given for their correction. In fact, the principal preparation for a successful school year is a complete physical examination and the correction of the defects.

Rosenau says: "It took a long time to realize that the whole child goes to school—his body, mind and soul." This physical preparation is absolutely necessary for the highest mental development. The wise parent will have the family physician attend to this important matter before school time. For those who have neglected to do this, medical examination of the children in the school is a routine matter in Dayton. This examination can better be done, however, by the family physician in his office or in the home. In the light of modern medical knowledge, to neglect this important matter is a crime, the results of which will be a man or woman physically and mentally handicapped for life.—Bulletin of the Division of Health, Dayton, Ohio.

# MORTALITY FOR THE MONTH OF AUGUST, 1921

INTERNATIONAL LIST OF CAUSES OF DEATH, AS ADOPTED AT THE THIRD INTERNATIONAL CONGRESS FOR THE REVISION OF THE CLASSIFICATION OF CAUSES OF DEATH, HELD AT PARIS, OCTOBER, 1920.

		1
I.	-Endemic or Infectious Diseases.	
1	Typhoid fever (abdominal typhoid and para-typhoid)	
	0. Typhoid fever	
3	and para-typhoid)  0. Typhoid fever 1. Paratyphoid fevers Typhus fever (exanthematous) Relapsing fever (spirillum obermeleri)	
4	melito—coccosis (Malta fever) Malarial fever or cachexia.  0. Malarial fever 1. Malarial cachexia Smallpox Measles	
5	Malarial fever or cachexia  0. Malarial fever	
6	1. Malarial cachexia Smallpox	
7	Measles Scarlet fever	
9	Whooping cough	
11	Whooping cough Diphtheria Iniluenza Complications:	
	0. Pneumonia	
	Z. Heart diseases	
	3. Nephritis	
	6. Puerperal	
12	Miliary fever	
13 14	Mumps Asiatic cholera Cholera nostras (choleriform en-	
15	teritis)	
16	0. Ameblc	
	Dysentery  0. Amebic  1. Bacillary  2. Unspecified or due to other causes	
17	Plague	
	0. Bubonic	
	2. Septicemic	
18 19	Yellow fever	
20	Icterohemorrhagica spirochetosis Leprosy	
22 23	Erysipelas	
24 25	Encephalitis lethargica Epidemic cerebro-spinal meningitis. Other epidemic diseases  0. Varicella	
20	0. Varicella 1. Rubella	
	2. Others	
26 27	Purulent or septicemic infection Glanders and farcy Malignant pustule (anthrax)	
28 29	Rabies	
30 31	Tetanus Mycoses Tuberculosis of the respiratory sys-	
32	Tuberculosis of the respiratory system Tuberculosis of the meninges or of the central nervous system. Tuberculosis of the intestines or peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints. Tuberculosis of other organs and structures	4
33	the central nervous system	64
34	peritoneum	
35 36	Tuberculosis of the joints	
37		
	subcutaneous cellular tissue	
	(except vertebral column).	
	2. Tuberculosis of the lym- phatic system (except the mesenteric and retroper-	
	itoneal glands)	
	TIMES OF THE OFFICE OFFICE OF THE OFFICE OF THE OFFICE OF THE OFFICE OFFICE OF THE OFFICE OFF	J
38	4. Tuberculosis of other organs Disseminated tuberculosis	
	berculosis of the lungs, ex-	
	chronic or pulmonary)  1. Chronic	
39	Syphilis (includes syphilic infection	
	of any organ, tissue or structure of the body)  0. Primary	
	1. Secondary	
	3 Hereditary	
40	4. Period not specified	
41	Soft chancre (used for morbidity statistics only)	
1	the eye or adnexa	

ION	OF CAUSES OF DEATH, HELD AT	_
1	I.—General Diseases Not Included Above.	
43	Cancer or other malignant tumors of the buccal cavity  0. Cancer of the lip	
	0. Cancer of the lip	
	1. Cancer of the tongue 2. Cancer of the mouth	
	3. Cancer of the jaw	
44	Company on other mediament tumona	
	0. Cancer of the pharynx	
	1. Cancer of the esophagus	3
	of the stomach and liver  0. Cancer of the pharynx  1. Cancer of the esophagus  2. Cancer of the stomach  3. Cancer of the liver and gall bladder	1
45	Cancer or other malignant tumors	
	of the peritoneum, intestines and rectum  0. Cancer of the mesentery and	
	0. Cancer of the mesentery and peritoneum	
	peritoneum  1. Cancer of the intestines (except rectum)	
	annus	
46	Cancer or other malignant tumors of the female genital organs	
	0. Cancer of the ovary and	
	1. Cancer of the uterus	1
	vulva	
47	3. Others	
48	of the breast	2
	of the skin	1
49	annus 3. Others Cancer or other malignant tumors of the female genital organs 0. Cancer of the ovary and fallopian tubes 1. Cancer of the uterus 2. Cancer of the vagina and vulva 3. Others Cancer or other malignant tumors of the breast Cancer or other malignant tumors of the skin Cancer or other malignant tumors of other or unspecified organs 0. Cancer of the lung and pleura 2. Cancer of the pancreas	
	0. Cancer of the larynx 1. Cancer of the lung and	1
	pleura 2. Cancer of the pancreas 3. Cancer of the kidneys and	
	2 Cancor of the kidneys and	
	4. Cancer of the prostate	
	suprarenals	1
	HW J	
	jaw) 8. Cancer of the testes 9. Others Benign tumors and tumors not returned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138). 0. Tumor of the brain 1. Tumor of thorax. 2. Tumor of abdomen 3. Tumor of bladder 4. Tumor of prostate 5. Tumor of other location Acute febrile articular rheumatism Chronic rheumatism or gout 0. Chronic rheumatism	
50	Benign tumors and tumors not re-	
	nign or non-specified tumors of	
	0. Tumor of the brain	
	1. Tumor of thorax	
	3. Tumor of bladder	1
-4	5. Tumor of other location	
.51 52	Chronic rheumatism or gout	
	0. Chronic rheumatism 1. Chronic gout	
53 54	Scurvy	
55	Pellagra Beri-beri	1
56 57	Rickets Diabetes Anemia, Chlorosis	2
58	Anemia, Chlorosis	
59	0. Pernicious anemia 1. Other anemias and chlorosis Diseases of the pituitary gland Diseases of the thyroid gland 0. Exophthalmic goitre	
60	Diseases of the thyroid gland	
	1. Other diseases of the thy-	
61	Diseases of the parathyroid gland	
62 63	roid gland Diseases of the parathyroid gland. Diseases of the thymus Addison's disease (disease of the	
64	adrenals) Diseases of the spleen Leukemia and Hodgkin's disease.	
65	Leukemia and Hodgkin's disease 0. Leukemia	
00	1. Hodgkin's disease	
66 67	Alcoholism (acute or chronic) Chronic poisoning by mineral sub-	
	0. Chronic lead poisoning	
68	1. Others Chronic poisoning by organic substances	
69	stances Other general diseases	
,	0. Acidosis	
	2. Autointoxications	
	4. Purpura hemorrhagica	1
	5. Others	

Ш	Diseases of the Nervous System and Organs of Special Sense.	m
70	Encephalitis	
71	Meningitis	
	0. Simple 1. Non-epidemic cerebro-spin-	
	al meningitis	
72	al meningitis	
73	dorsalis) Other diseases of the spinal cord.  0. Bulbar paralysis (Duchen-	
	0. Bulbar paralysis (Duchen-	
	1 Paralysis agitans (Darkin	
	son's disease)	
	son's disease)	4
	3. Myelitis	1
	4. Others	
74	Cerebral hemorrhage, apoplexy  0. Cerebral hemorrhage	A
	1 Cerebral thrombosis and am	-36
75	Paralysis (without specified cause)	
	bolism  Paralysis (without specified cause)  0. Hemiplegia  1. Other forms of paralysis  General paralysis (of the insane)	
76	General paralysis (of the insane)	
77		
78 79	Epilepsy	
/9	years and over)	
80	Epllepsy Convulsions (non - puerperal) (5 years and over) Infantile convulsions (under five years of age).	
81	Chorea	
	Chorea  0. Chorea 1. Hysteria and neuralgla 2. Neuritis Softening of the brain Other diseases of the nervous system	
	2. Neuritis	
82	Softening of the brain	
83	other diseases of the nervous sys-	
84	tem Diseases of the organs of vision and	
	annexa except gonococcat intec-	
	0. Diseases of the eye (except	
	tion, No. 42  0. Diseases of the eye (except tumor)  1. Follicular conjunctivitis  2. Trachoma	
	2. Trachoma	
	2. Trachoma	
	4. Other diseases of the eye or its adnexa.  Diseases of the organs of hearing and the mastoid process.  0. Diseases of the ear.  1. Diseases of the mastoid process	
85	Diseases of the organs of hearing	
	0. Diseases of the ear	
	1. Diseases of the mastoid	
137	process  Diseases of the Circulatory System	
86	Pericarditis	Ω
87	Pericarditis Acute endocarditis and myocarditis	
,	1. Acute myocarditis	1
88	Angina pectoris	2
89	Other diseases of the heart	5
		2
	2. Other chronic diseases of the heart	2
90	0410 4100010 00000000000000000000000000	1
91	Atheroma and other diseases of the	
92	arteries	
93	cerebral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system (lymphangitis, etc.)	1
	hemorrhoids, phlebitis, etc.)	
94	(lymphangitis, etc.)	
95	(lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the cir-	
	culatory system	
V.—	Diseases of the Respiratory System	l.
96	Diseases of the Respiratory System	
	0. Diseases of the nasal fossae	
0.77	1. Others Diseases of the larynx (except tuberculosis and cancer	
97	tuberculosis and cancer	
98	Bronchius	
	1. Chronic	
	2. Not otherwise defined under	
	5 years of age	1
	years and over	
99		
	0. Broncho pneumonia	5
100	1. Capillary bronchitis Pneumonia	
100		
101	1. Not otherwise specified	
101	A Diameters	
		1

_					-
102	Congestion or parenchymatous hem-	2. Other accidents of preg-		2. Carbolic acid	
103	orrhage of the lung	nancy		3. Cocaine	
103	Asthma	144 Puerperal hemorrhage		4. Lysol 5. Opium (morphine)	
105	Emphysema of the lung	0. Cesarian section		6. Wood alcohol	
106	Other diseases of the respiratory system (tuberculosis excepted)	1. Other surgical operations and instrumental delivery		7. Others	
	0. Chronic interstitial pneumo-	2. Others	178	Conflagration	
	nia (including occupational	146 Puerperal septicemia 1	179	Accidental burns and scalds (con-	
	diseases of the lung)  1. Diseases of the mediasti-	147 Phlegmasia alba dolens, puerperal embolism or sudden puerperal		flagration excepted)	
	num	death	i i	1. Lamps	
	2. Others	148 Puerperal albuminuria or convulsions		2. Steam	
VI	Diseases of the Digestive System.	149 Childbirth (without other explana-		4. Matches	
107	Diseases of the mouth and adnexa.	tion)		5. Bonfires	1
	0. Diseases of the teeth and	150 Puerperal diseases of the breast		6. Others	
	1. Other diseases of the buccal	IX.—Diseases of the Skin or Cellular	180	Accidental mechanical suffocation	
400	cavity and adnexa	Tissue.		0. Foreign body in larynx 1. Overlying	
108	Diseases of the pharynx and tonsils (includes adenoids)	151 Gangrene		2. Others	
	0. Streptoccic sore throat	151 Gangrene	181	Accidental absorption of irrespir-	
	1. Ludwig's angina	153 Phlegmon, acute abscess		able or poisonous gas  0. Illuminating gas	1
	3. Adenoids	154a Tinea and alopecia (morbidity only)		1. Chloroform or ether	
400	4. Others	154b Pruritis (morbidity only)		2. Coal gas 3. Ammonia fumes	
109 110	Diseases of the esophagus Ulcer of the stomach and duode-	155 Other diseases of the skin and its		4. Sewer gas	
110	num	adnexa		5. Other gases	
	0. Ulcer of the stomach 1. Ulcer of the duodenum	X.—Diseases of the Bones and Organs	182	6. Unknown	
111	Other diseases of the stomach (can-	of Locomotion.		0. Rivers, ponds, etc.	
	cer excepted	156 Diseases of the bones (tubercu-	183	1. Others by firearms	
	0. Indigestion	losis excepted)	1.00	Accidental injury by firearms (wounds of war excepted) Accidental injury by cutting or	
	2. Stricture or stenosis of py-	157 Diseases of the joints (tubercu-	184	Accidental injury by cutting or piercing instruments	
	3. Others	losis and rheumatism excepted)  158 Other diseases of the bones or or-		Accidental injury by falls	
112	Diarrnea and enteritis (under 2	gans of locomotion		0. Down shafts, hatchways,	
	years of age)	XIMalformations.		holds of vessels	
	over) 5	159 Congenital malformations (still-		2. From buildings	
114	Ankylostomiasis	births excepted)		3. From fire-escapes	
115	Diseases due to other intestinal parasites	0. Hydrocephalus		5. From windows	
	parasites 0. Cestodes (hydatids of the	1. Malformations of the heart 2. Others		6. From vehicles	
	liver excepted)			9. Other falls	
	2. Nematodes (other than an-	XII.—Diseases of Early Infancy.	186	Accidental traumatism in mines and quarries	
	kylostoma)	160 Congenital debility, icterus and		0. In mines	
	4. Other parasites	sclerema	107	1. In quarries Accidental traumatism by machines	
116	5. Parasites not specified Appendicitis and typhlitis	1. Inanition	107	0. Deaths by machinery	
	Hernia, intestinal obstruction	2. Icterus	400	0. Deaths by machinery 1. Deaths by elevators	
	0. Hernia 2  1. Intenstinal obstruction 2	4. Others 1	188	Accidental traumatism by other crushing (vehicles, railways,	
118	Other diseases of the intestines	161 Premature birth, or consequence of labor		landslides, etc.)	
	0. Diseases of the anus and	0. Premature birth 5		0. Run over by wagons, trucks, etc.	1
	stercoral fistulae	1. Injury at birth		1. Run over by automobiles	-
440	tines	fancy		2. Run over by other vehicles 3. Run over by electric surface	
119 120	Acute yellow atrophy of the liver	0. Asphyxia neonatorum 1 1. Atelectasis 1		cars	1
121	Cirrhosis of the liver	2. Umbilical infection		4. Run over by steam railroad cars	
	0. Returned as alcoholic 1. Not returned as alcoholic	3. Umbilical hemorrhage		5. Run over by elevated rail-	
122	Biliary calculi	4. Others		road cars	
123	Other diseases of the liver 1 Diseases of the pancreas except			7. Crushed by falling bodies	
	cancer	XIII.—Old Age.		8. Crushed by derricks, stones,	
	Peritonitis of unstated cause Other diseases of the digestive	164 Old age (senility)		etc	
12.0	system (cancer and tuberculosis	XIV.—External Causes.		Injuries by animals (not poisoning)	
	excepted)	165 Suicide by solid or liquid poisons	191	Wounds received in war Executions of civilians by bellig-	
VII	Non-Venereal Diseases of the	(corrosive substances excepted)  0. Opium, morphine		erent armies	
	Genito-Urinary System and	1. Strychnine	192	a Excessive laborb Starvation (deprivation of food or	
	its Adnexa.	2. Chloroform (ether) 3. Others		water)	
127	Acute nephritis (including unspeci-	166 Suicide by corrosive substances	193 194	Excessive cold Excessive heat	
	fied under 10 years of age)	0. Arsenic (paris green) 1. Bichloride of mercury	195	Lightning	
128	Chronic nephritis (including unspecified over 10 years of age 12	2. Carbolic acid	196 197	Other accidental electric shocks Homicide by firearms	1
129	Chyluria	3. Cyanides (prussic acid)	198	Homicide by cutting or piercing in-	
130	Other diseases of the kidneys and their adnexa (diseases of the	4. Oxalic acid	199	struments Homicide by other means	
	bridness in programmers excluded)	acid)	200	Infanticide (murder of infants less	
131	Calculi of the urinary passages Diseases of the bladder (except	167 Suicide by poisonous gas	204	than 1 year of age) Fracture (cause not specified)	
132	tumors) 1	0. Illuminating gas	201	0. Dislocations	
133	tumors) Diseases of the urethra, urinary	1. Chloroform		1. Sprains	
	apress, etc	3. Others		fied)	
404	0. Stricture of the urethra 1. Others	168 Suicide by hanging or strangulation 169 Suicide by drowning	202	fied) Other external violence	
134	Diseases of the prostate (except tumors)	0. Rivers, etc		0. Criminal abortion	
135	Non-venereal diseases of the male	1. Others		1. Explosions 2. Salvarsan injection	
136	genital organs	171 Suicide by cutting or piercing in-		3. Other medicaments (injection)	
	the ovary	struments		4. Other external violence	
137 138	Salpingitis or pelvic absecss	places	203	Violent deaths of which the cause is unknown	
139	Non-puerperal uterine hemorrhage.	173 Suicide by crushing 174 Other suicides			
140 141	Metritis	175 Poisoning by food		XV.—Ill-Defined Diseases.	
	organs	0. Mushrooms	204	Sudden death	1
142	Non-puerperal diseases of the	1. Shell fish	205	Cause of death not specified or ill-	1
	breast (cancer excepted)	3. Others		defined	9
	VIII.—The Puerperal State.	176 Poisoning by venomous animals 177 Other acute accidental poisonings		1. No disease; malingering	64
143	Accidents of pregnancy  0. Abortion	(gases excepted)  0. Ethyl alcohol		2. Surgical operation	
	1. Ectopic gestation	1. Bichloride of mercury 1		TOTAL 12	28
		1	1		

### CONTAGIOUS HOSPITAL REPORT FOR AUGUST, 1921

				66 43		
	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox Septic Sore Throat Diphtheria Malaria Measles Mumps Ophthalmia Neonatorum Pneumonia (Lobar)	Scarlet Fever German Measle	Typhoid Fever Whooping Cough Gonorrhea Syphillis Suppurative Conjunctivitis Meningitis T. B Tetanus	Total
Patients admitted			7		2	9
Termination { Recover Death	у ,	****	1 2	2		10
DEATHS BY	AGES		HOSPITALS		CEMETERIES	
			City Hospital	11	Oak Grove	
	Ta Ta	ales	Union Hospital	12	North Burial Ground	
	,	Male Fems	St. Anne's Hospital		St. John's	]
Under 1 day	E 9	1 1	Bay View Hospital	2	St. Mary's	]
1-2 days		3 0	Truesdale Hospital	1	St. Patrick's	
2-3 days		0 1	Contagious Hospital		Notre Dame	
3 days-1 week		1 1	City Home		Nwoo Hill	1
1-2 weeks		0 0			Agedas Aham	• • • •
2-3 weeks		0 0	STILL BIRTHS		Our Lady of Light	
3 wks-1 month		0 1	Males	8	Sent away for interment Brought here for interment	0
1-2 months		3 2	Females	2		44
2-3 months		1 4	Unknown		SEX	
3-6 months		5 2	Total	10	Male	68
d-9 months		3 3			Female	6U
9-12 months		6 5	NATIVITY		COLOR	
1 year		5 4	Fall River	79	White	127
2 years		1 2	Massachusetts	- 1	Colored	1
3 years	3	2 1	Other States		CONDITION	
4 years		3 0	Ireland		Married	
5-9 years	_	1 4	Canada		Single	
10-14 years		1 1	England	- 1	Widowed Divorced	
15-19 years		0 0	Scotland		Unknown	
20-24 years		0 2	Germany			
25-29 years		1 0	Azores		There were 130 cases of contagious dise	ases
30-34 years		1 0	Austria		reported for August, viz:	96
35-39 years		0 0			Diphtheria	
10-44 years		3 1	France		Typhoid Fever	
15-49 years		1 2			Tuberculosis of Lungs	17
50-54 years	~	5 0	Russia Portugal		Tuberculosis, other forms	4
55-59 years		6 6			Whooping Cough	
30-64 years		3 3	Italy Poland	- 1	Ophthalmia Neonatorum	
35-69 years		5 4	Denmark		Suppurative Conjunctivitis	
70-74 years		2 7	Australia	-	Chicken Pox	
75-79 years		3 0	Sweden		Cerebro-Spinal Meningitis	
80-84 years		0 1	Spain		Pneumonia, Lobar	
35-89 years		2 2	Greece		Mumps	
00-94 years			Brazil		Septic Sore ThroatInfluenza	
95-99 years			Syria		German Measles	
100+			Bermuda		Lethargica Encephalitis	***
Jnknown			Norway		Dog Bite	
Total		0 00	Unknown		Gonorrhoea	
	1774 15					

DEATHS BY WARDS

2 10
3 18
4 10
5 8
6 19
7 3
8 19

The following is the number of contagious diseases reported in each ward:

1-29 2--15 3-8 4-16 5-23 6-19 7-6 8-6 9-8

Estimating the population at 125,969, 128 deaths would give an annual death rate of 12.19 in 1,000.

This is 10 less than last month and 16 less than the same month in 1920.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.



### 9 1922 MONTHLY BULLETIN

OF THE

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CITY OF FALL RIVER

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### MIDWIVES

It has been said that more than one-half of the babies who die during the first year, die from causes related to the condition of the mother. The instruction, advice, and care which the mothers receive influence the infant mortality rate of the community. And if the care given is not good and the advice not intelligent, the rate is apt to be high. When it is considered that eleven hundred and ninety-two (1192) births, practically one-third of the entire number registered in the city in 1920, were reported by midwives, it is apparent that many of our mothers are not being cared for in a manner that is best for themselves and their children and one reason, at least, is shown for our high infant mortality. for our high infant mortality.

The following paragraph taken from an article which appeared in the September issue of the Health Bulletin of the North Carolina State Board of Health, might, in many respects, be applied to the midwives of this city.

be applied to the midwives of this city.

"The majority of these women are dependable, self-sacrificing, poorly paid. They refuse no call, day or night, rain or shine. Most of them are past middle age, unable to read or write, and have no training except that gained in rare instances by nursing for and assisting local physicians. Occasionally, one is found who reads a 'doctor's book.' They are still plodding along with the knowledge handed down from generation to generation, some of it valuable, but interwoven with a mass of misinformation, superstition and unbelievable fatalism. Their deep ignorance of anything resembling modern asepsis puts into their kind and faithful hands the weapon of destruction."

When the lack of training and intelligence of the average

deep ignorance of anything resembling modern asepsis puts into their kind and faithful hands the weapon of destruction."

When the lack of training and intelligence of the average woman doing this work is understood, on first thought it would appear that the best way to handle the problem would be to eliminate the midwife entirely. But that this is not the proper or best method of taking care of the situation is, we believe, conclusively shown in an article appearing in a recent issue of Common Health, which is issued by the Massachusetts Department of Public Health. Miss Hazel Wedgwood, formerly Health Instructor, Massachusetts Department of Public Health, is the author of the article. Through an extensive study in several cities of the State, Fall River included, it was found that the principal reasons given for doing so, by the mothers who employed midwives were economy and custom, and the fact that the midwife was familiar with their language and national customs. In the countries from which these mothers come, it is customary for midwives to be employed and in a great measure due to this custom, the husband objects to having a man physician engaged. And it was found, in many cases, that the husband made all the arrangements. The matter of economy is also of much importance, not only because the fee of a midwife is less than that of a physician, but because of the service she renders to the family, as well as to the patient. Besides interviewing midwives and mothers attended by them, clergymen, physicians, district nurses and social workers were also consulted by Miss Wedgewood in her investigation.

In the belief that, because of the demand for their services, the midwives will przetice even though determined.

In the belief that, because of the demand for their services, the midwives will practice, even though determined attempts to prevent them from doing so, are made under the present laws, or under more stringent ones which might be enacted, Miss Wedgewood advocates training, licensing, and supervision as the best method to pursue. That such procedure is necessary is also our belief. By the training of these women, it will be possible to raise the standard of their work and protect the lives and health of those employing them. By licensing and supervising them, the manner in which they perform their duties can be observed and the inefficient and dirty midwives eliminated. With trained, licensed midwives, realizing their limitations, working under the supervision of and in harmony

with the Health Department, effective assistance can be given by them in the extension of prenatal care. And until legisla-tion along these lines is enacted and made effective, we will be unable to successfully cope with and substantially reduce our high infant mortality rate.

The following paragraphs are taken from Miss Wedgwood's

This investigation has shown that a very definite need for the midwife exists in Massachusetts, and, due to the large foreign-born population, the possibility of eliminating her entirely is a remote one. During the process of Americanization, and while the foreign-born people are being introduced to the resources of the State, it is the responsibility of the State to safeguard their lives and health, and Massachusetts is not safeguarding the lives and health of her foreign-born women and their children when she allows the midwife to practice among them without regulation and supervision.

Massachusetts has proven that the midwife cannot be

Massachusetts has proven that the midwife cannot be eliminated through legislation, and that such an action may deter the trained and efficient from operating, but has no such deterrent effect on the ignorant and unskilled. The only practical legislation is that which would provide an efficient system for the training, licensing and supervising of the midwife.

Elaborate programs of public health work have been formulated by the State Department of Public Health, municipal boards of health, the American Red Cross and various other organizations, for the protection of mothers and babies, in which the trained and supervised midwife, if asked to coperate, could render valuable service. One social worker, as has been previously quoted, stated:—

In April, 1914, a modern pregnancy clinic was opened in

In April, 1914, a modern pregnancy clinic was opened in the out-patient department of the hospital for the express purpose of eliminating the midwife. The clinic is still in operation and offers excellent obstetrical, prenatal, medical and nursing care for a moderate fee. It is under the charge of a physician specializing in obstetrics.

This clinic is not patronized by the majority of the foreign population, neither has it eliminated the midwife.

This child is not partonized by the highest of the loteign population, neither has it eliminated the midwife.

The superintendents of two visiting nursing associations in Massachusetts volunteered the information that the maternity service among the Polish, Italians and Lithuanians has not increased during the time such service has been established, although the maternity service among other nationalities has increased very materially. In both these communities midwives are known to be practicing among the nationalities which do not use the maternity service. I feel that if the midwives of Massachusetts were licensed and supervised, the above clinics would tell a different story, and that the history of the New York prenatal clinics would be repeated. It is imperative that if the prenatal clinics are to perform adequate service among the foreign-born women, some methods of approach and contact must be established and maintained between the clinics and the foreign-born women, and there is no better one at hand than the trained midwife.

The court interpretation of the present law is that the

at hand than the trained midwife.

The court interpretation of the present law is that the practice of midwifery is "an important branch of the medical profession," and is therefore open only to registered physicians, but Mr. Justice Rugg of the Supreme Court, in the Commonwealth v. Porn, 1916, states: We are far from saying that it would not be within the power of the Legislature to separate, by a line of statutory demarcation, the work of the midwife from that of the practitioner of medicine. The statute now under consideration does not make that separation." This line of demarcation should be made if the lives of women and children are to be properly safeguarded.

# MORTALITY FOR THE MONTH OF SEPTEMBER, 1921

I	Endemic or Infectious Diseases.	,
1	Typhoid fever (abdominal typhoid and para-typhoid) 0. Typhoid fever	1
2 3	1. Paratyphoid fevers	,
	eri)	
4 5	Typhus fever (exanthematous) Relapsing fever (spirillum obermeieri) Melito—coccosis (Malta fever) Malarial fever or cachexia.  0. Malarial fever 1. Malarial cachexia Smallpox Measles Scarlet fever Whooping cough Diphtheria Influenza Complications:	
6	1. Malarial cachexia	
7 8	Measles Scarlet fever	
9	Whooping cough	4
11	Influenza	
	0. Pneumonia	1
	2. Heart diseases 3. Nephritis 4. Meningitis	
	4. Meningitis	
	6. Puerperal	
12	Miliary fever	
13 14	Mumps Asiatic cholera	
15	Cholera nostras (choleriform enteritis)	
16	Dysentery	
	Bacillary     Unspecified or due to other causes	
17	Plague	
17	0. Bubonic	
	2. Septicemic	
18	Yellow fever	
19 20	Icterohemorrhagica spirochetosis.	
21	Acute poliomyelitis	
23 24	Encephalitis lethargica	
25	Other epidemic diseases	
	1. Rubella	
26 27	Purulent or septicemic infection Glanders and farcy. Malignant pustule (anthrax) Rabies	1
28	Malignant pustule (anthrax)	
30	Tetanus Mycoses	
32	Tuberculosis of the respiratory sys-	10
33	Tuberculosis of the meninges or of	1
34	Rabies Tetanus Mycoses Tuberculosis of the respiratory system Tuberculosis of the meninges or of the central nervous system Tuberculosis of the intestines or peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints. Tuberculosis of other organs and structures	-
\$5 \$6	Tuberculosis of the vertebral column	
37	Tuberculosis of other organs and structures	
	structures  O. Tuberculosis of the skin or subcutaneous cellular tissue Tuberculosis of the bones  (creative transfer the bones)	
	1. Tuberculosis of the bones	
	(except vertebral column).  2. Tuberculosis of the lymphatic system (except the	
	mesenteric and retroper-	
	itoneal glands)	
38	urinary system  4. Tuberculosis of other organs	
30	Disseminated tuberculosis  O. Acute (including miliary tuberculosis of the lungs, except that specified as	
	cept that specified as	
	1. Chronic	
89	Syphilis (includes syphilic infection of any organ, tissue or structure of the body)  0. Primary	
	of the body) 0. Primary	
	1. Secondary 2. Tertiary 3. Hereditary	
	4. Period not specified	
40		
41	statistics only)	
42	the eye or adnexa	

ION	OF CAUSES OF DEATH, HELD AT	I
I	I.—General Diseases Not Included Above.	
43	Cancer or other malignant tumors	
	of the buccal cavity.  0. Cancer of the lip	
44	Cancer or other malignant tumors of the buccal cavity  0. Cancer of the lip	2
45	Cancer or other malignant tumors	
	rectum  0. Cancer of the mesentery and peritoneum  1. Cancer of the intestines (except rectum)  2. Cancer of the rectum and	
	annus	1
46	Cancer or other malignant tumors of the peritoneum, intestines and rectum  0. Cancer of the mesentery and peritoneum  1. Cancer of the intestines (except rectum)  2. Cancer of the rectum and annus  3. Others  Cancer or other malignant tumors of the female genital organs.  0. Cancer of the ovary and fallopian tubes  1. Cancer of the uterus.  2. Cancer of the vagina and vulva  3. Others  Cancer or other malignant tumors of the breast	1 1
47	Cancer or other malignant tumors	
NB	Cancer or other malignant tumors	1
49	of the skin	
	of other or unspecified organs 0. Cancer of the larynx 1. Cancer of the lung and pleura 2. Cancer of the pancreas 3. Cancer of the kidneys and suprarenals 4. Cancer of the prostate 5. Cancer of the bladder 6. Cancer of the brain 7. Cancer of the bones (except jaw)	
50	8. Cancer of the testes 9. Others  Benign tumors and tumors not returned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138). 0. Tumor of the brain	
.51 52	Acute febrile articular rheumatism Chronic rheumatism or gout  0. Chronic rheumatism 1. Chronic gout	1
53 54 55 56 57 58	Reri-beri Rickets Diabetes Anemia, Chlorosis  0. Pernicious anemia	2
<b>59</b> 60	Diseases of the pituitary gland  Diseases of the thyroid gland	
61	roid gland	
62 63	0. Exophthalmic goltre 1. Other diseases of the thy- roid gland Diseases of the parathyroid gland. Diseases of the thymus Addison's disease (disease of the adrenals) Diseases of the spleen Leukemia and Hodgkin's disease. 0. Leukemia	
64 65	Diseases of the spleen	
66 67	1. Hodgkin's disease	
68	1. Others	
69	stances  0. Chronic lead poisoning 1. Others Chronic poisoning by organic substances 0. Acidosis 1. Amyloid degenerations 2. Autointoxications 3. Hemophilia 4. Purpura hemorrhagica 5. Others	

HI.	Diseases of the Nervous Syste	eme
	and Organs of Special Sense.	-
70	77 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
70 71	Moningitia	
	0. Simple	
	1. Non-epidemic cerebro - spin-	
72	0. Simple	
	dorsalis)	
73	Other diseases of the spinal cord	
	0. Bulbar paralysis (Duchen- ne's disease)	
	Bulbar paralysis (Duchenne's disease)     Paralysis agitans (Parkinson's disease)     Acute ascending spinal paralysis (Landry's disease).     Myelitis     Others	
	son's disease)	
	2. Acute ascending spinal par-	
	3. Myelitis	
7.4	4. Others	
74	Cerebral hemorrhage, anoplexv	10
	1 Cerebral thrombosis and am-	10
~ ~	bolism	
75	bolism	
	0. Hemiplegia	
76	General paralysis (of the insane)	1
77 78	Other forms of mental alienation. Epilepsy Convulsions (non-puerperal) (5 years and over) Infantile convulsions (under five years of age).	1
79	Convulsions (non - puerperal) (5	1.
	years and over)	
80	Infantile convulsions (under five	
81	Chorea	
	0. Chorea	
	1. Hysteria and neuralgia	
82	2. Neuritis Softening of the brain Other diseases of the nervous system	
83	Other diseases of the nervous sys-	
0.4	tem	
84	Diseases of the organs of vision and adnexa except gonococcal infec-	
	tion, No. 42	
	adnexa except gonococcal infection, No. 42  0. Diseases of the eye (except tumor)  1. Follicular conjunctivitis  2. Trachoma  3. Tumors of the eye	
	1. Follicular conjunctivitis	
	2. Trachoma	
	3. Tumors of the eye	
	its adness.	
85	Diseases of the organs of hearing	
	and the mastoid process	
	1. Diseases of the masteid	
	2. Trachoma 3. Tumors of the eye 4. Other diseases of the eye or its adnexa Diseases of the organs of hearing and the mastoid process 0. Diseases of the ear. 1. Diseases of the mastoid process	1
IV.	-Diseases of the Circulatory Syste	
86	Pericarditis Acute endocarditis and myocarditis	1
87	Acute endocarditis and myocarditis	0
	0. Acute endocarditis 1. Acute myocarditis	2
88	Angina pectoris	
89	Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism	1
	1. Chronic myocarditis	1 2
	2. Other chronic diseases of	
0.0	the heart	6
90	Aneurism Atheroma and other diseaser of the	
	arteries	4
92	arteries Embolism and thrombosis (except	
93	Diseases of the veins (varices	1
	cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.)	
94	Diseases of the lymphatic system	
95	(lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the cir-	
	cause; other diseases of the cir-	
3.7	culatory system.  Diseases of the Respiratory System  Diseases of the nasal fossae and their adnexa	
V	Diseases of the Respiratory System	m.
96	their adnexa	
	0. Diseases of the nasal fossae	
07	1. Others	
97	their adnexa  0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer	
98	Bronchitis	
	Bronchitis  0. Acute	
	1. Chronic 2. Not otherwise defined under	
	5 years of age	
	5 years of age	
99	Broncho pneumonia (including cap-	1
03	illary bronchitis)	
	0. Broncho pneumonia	3
100	Broncho pneumonia (including capillary bronchitis)  0. Broncho pneumonia 1. Capillary bronchitis Pneumonia	
.55	0. Lobar	
104	1. Not otherwise specified	
101	Pleurisy	
	1. Empyema of thoracic cavity	

102	Congestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolic acid	
103	Gangrene of the lung	nancy 2	3. Cocaine 4. Lysol	
104 105	Emphysema of the lung	145 Other accidents of childbirth 0. Cesarian section	a. Ullilm (mornhina)	
106	Other diseases of the respiratory	I. Other surgical operations	7. Others	
	system (tuberculosis excepted)  0. Chronic interstitial pneumo-	and instrumental delivery 2. Others	178 Conflagration	nown
	nia (including occupational diseases of the lung) 1. Diseases of the mediasti-	146 Puerperal septicemia 147 Phlegmasia alba dolens, puerperal	ira Accidental burns and scalds	s (con-
	1. Diseases of the mediasti-	embolism or sudden puerperal	flagration excepted)  0. Stoves	
	num 2. Others	death 148 Puerperal albuminuria or convul-	1. Lamps	
VI.	-Diseases of the Digestive System.	sions 1 149 Childbirth (without other explana-	3. Hot fluids	1
	Diseases of the mouth and adnexa.	tion)	4. Matches	
	0. Diseases of the teeth and gums	150 Puerperal diseases of the breast	6. Others	
	1. Other diseases of the buccal	IX.—Diseases of the Skin or Cellular	100 Accidental mechanical sumo	cation
108	cavity and adnexa Diseases of the pharynx and tonsils	Tissue.	0. Foreign body in larys	
	(includes adenoids)	151 Gangrene 1 152 Boil, carbuncle, furuncle	2. Others	
	1. Ludwig's angina	153 Phlegmon, acute abscess	able or poisonous gas	
	2. Tonsilitis	154a Tinea and alopecia (morbidity only)	0. Illuminating gas 1. Chloroform or ether	
109	4. Others	154b Pruritis (morbidity only)	2. Coal gas	
110	Ulcer of the stomach and duode-	155 Other diseases of the skin and its adnexa	4. Sewer gas	
	num 0. Ulcer of the stomach	XDiseases of the Bones and Organs	5. Other gases 6. Unknown	
111	1. Ulcer of the duodenum Other diseases of the stomach (can-	of Locomotion.	182 Accidental drowning 0. Rivers, ponds, etc	
	cer excepted		1. Others	
	0. Indigestion	156 Diseases of the bones (tubercu- losis excepted)	183 Accidental injury by in (wounds of war excepted)	)
	2. Stricture or stenosis of py- lorus	157 Diseases of the joints (tubercu- losis and rheumatism excepted)	184 Accidental injury by cutt piercing instruments	ing or
440	3. Others Diarrhea and enteritis (under 2	158 Other diseases of the bones or or-	185 Accidental injury by falls	
	· years of age)	gans of locomotion	0. Down shafts, hat holds of vessels	cnways,
113	Diarrhea and enteritis (2 years and over)	XI.—Malformations.	1. Down stairs 2. From buildings	
114	Ankylostomiasis	159 Congenital malformations (still- births_excepted)	3. From nre-escapes	
115	Diseases due to other intestinal parasites	0. Hydrocephalus	4. From scaffolds 5. From windows	
	parasites  0. Cestodes (hydatids of the liver excepted)	1. Malformations of the heart 1 2. Others 1	6. From vehicles	
	1. Trematodes	XII Diseases of Early Infancy.	9. Other falls	1
	2. Nematodes (other than ankylostoma)	160 Congenital debility, icterus and	186 Accidental traumatism in mi	
	3. Coccidia	sclerema	0. In mines	
440	5. Parasites not specified	0. Marasmus	187 Accidental traumatism by m	nachines
116 117	Appendicitis and typhlitis Hernia, intestinal obstruction	2. Icterus	0. Deaths by machinery 1. Deaths by elevators	3
	0. Hernia 1 1. Intenstinal obstruction	4. Others	188 Accidental traumatism by crushing (vehicles, r	other
118	Other diseases of the intestines	161 Premature birth, or consequence of labor	lanusinues, etc.)	
	0. Diseases of the anus and stercoral fistulae	0. Premature birth 6 1. Injury at birth 2	0. Run over by wagons, etc.	
	1. Other diseases of the intes-	162 Other diseases peculiar to early in-	1. Run over by autom 2. Run over by other	obiles 2
119	Acute yellow atrophy of the liver	fancy	3. Run over by electric	surface
121	Hydatid tumor of the liver	1. Atelectasis	cars	railroad
	Returned as alcoholic     Not returned as alcoholic	3. Umbilical hemorrhage	5. Run over by elevate	ed rail-
122	Biliary calculi	4. Others	road cars	
123 124	Other diseases of the liver 1 Diseases of the pancreas except	XIII.—Old Age.	6. Run over by subway 7. Crushed by falling	bodies
125	cancer Peritonitis of unstated cause	164 Old age (senility)	8. Crushed by derricks, etc.	stones,
	Other diseases of the digestive	XIV-External Causes.	9. Other causes	
	system (cancer and tuberculosis excepted)	165 Suicide by solid or liquid poisons	190 Wounds received in war	
VII	Non-Venereal Diseases of the	(corrosive substances excepted)	191 Executions of civilians by	bellig-
•	Genito-Urinary System and	0. Opium, morphine 1. Strychnine 2. Chloroform (ether)	erent armies	food on
	its Adnexa.	2. Chloroform (ether)	192b Starvation (deprivation of water)	
127	Acute nephritis (including unspeci-	Suicide by corrosive substances	193 Excessive cold	
128	fled under 10 years of age) 2 Chronic nephritis (including un-	0. Arsenic (paris green) 1. Bichloride of mercury	195 Lightning	
	Specified over 10 years of age	2. Carbolic acid	197 Homicide by firearms	
130	Chyluria Other diseases of the kidneys and	4. Oxalic acid	198 Homicide by cutting or pier struments	
	kidney in pregnancy excluded)	acid)	199 Homicide by other means 200 Infanticide (murder of infa	
131	Calculi of the urinary passages Diseases of the bladder (except	6. Other corrosive poisons 167 Suicide by poisonous gas	than 1 year of age)	
	tumors)	0. Illuminating gas	201 Fracture (cause not specifi 0. Dislocations	
133	abcess, etc	z. Coal gas	1. Sprains	unspeci-
	0. Stricture of the urethra	3. Others	2. Fractures (cause fied)	
134	Diseases of the prostate (except	169 Suicide by drowning	v. Criminal aportion	
135	Non-venereal diseases of the male	1. Others	Explosions     Salvarsan injection     Other medicaments	
136	Cysts and other benign tumors of	1/1 Suicide by cutting or piercing in-	3. Other medicaments tion)	(injec-
137	the ovary	struments	4. Other external violer	nce
138	Benign tumors of the uterus	places 173 Suicide by crushing	203 Violent deaths of which th is unknown	
139 140	Metritis	1/4 Other suicides	XVIll-Defined Diseas	
141	Other diseases of the female genital	175 Poisoning by food		
142	Non-puerperal diseases of the	1. Shell fish 2. Pork sausages	204 Sudden death	l or ill-
	breast (cancer excepted)	3. Others	defined	
1/12	VIII.—The Puerperal State.	176 Poisoning by venomous animals 177 Other acute accidental poisonings	0. Ill-defined or not sp 1. No disease; malinger	ring
143	Accidents of pregnancy	(gases excepted)  0. Ethyl alcohol	2. Surgical operation	
	1. Ectopic gestation	1. Bichloride of mercury	TOTA	AL 132
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### CONTAGIOUS HOSPITAL REPORT FOR SEPTEMBER, 1921

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever.	Whooping Cough	Gonorrhea	Syphillis	Suppurative Conjunctivitis	Meningitis T. B. Tetanus	Total
Patients admitted				7									4	****	****	****		11
Termination { Recovery Death	****	****		1									1	****	****	••••		4 2

DEATHS BY AGE	S		
	Total	Males	Females
Under 1 day	7	5	2
1-2 days	1	1	0
2-3 days	0	0	0
3 days-1week	1	1	0
1-2 weeks	3	3	0
2-3 weeks	1	1	0
3 wks-1 month	0	0	()
1-2 months	2	0	2
2-3 months		0	1
3-6 months		7	5
6-9 months		5	В
9-12 months	4	1	3
1 year	6	3	3
2 years	3	2	1
3 years	1	1	0
4 years	1	1	0
5-9 years	0	0	0
10-14 years	5	2	3
15-19 years	2	1	1
20-24 years	4	0	4
25-29 years	3	1	2
30-34 years	3	1	2
35-39 years	5	3	2
40-44 years	3	1	2
45-49 years	3	1	2
50-54 years	6	2	4
55-59 years	9	4	5
60-64 years	8	7	1
65-69 years	6	3	3
70-74 years	8	2	в
75-79 years	8	3	5
80-84 years	5	4	1
85-89 years			
90-94 years			
95-99 years			
100+			
Unknown			
Total18	32	66	66

DEATHS BY WARDS	
1	23
2	19
3	18
4	8
5	
6	14
7	4
<b>8</b>	13
9	24

HOSPITALS	
City Hospital	11
Union Hospital	
St. Anne's Hospital	2
Bay View Hospital	3
Truesdale Hospital	1
Contagious Hospital	2
City Home	3
STILL BIRTHS	_
Males	7
Females	2
Unknown	
Total	9
NATIVITY	_
	35
Massachusetts	4
Other States	5
Ireland	9
Canada1	3
England	2
Scotland	1
Germany	
Azores	9
Austria	1
France	
Belgium	
Russia	1
Portugal	
Italy	
Poland	1
Denmark	
Australia	
Sweden	
Spain	
Greece	
Brazil	
Syria	
Hawaii	1

CEMETERIES Oak Grove
North Burial Ground
St. Mary's
Notre Dame 61 Nwoo Hill 3
Agedas Aham
Sent away for interment
SEX           Male         66           Female         66
COLOR
White 132 Colored
CONDITION Married37
Mainet
There were 101 cases of contagious diseases reported for Sept., viz:
Diphtheria 13 Scarlet Fever 4 Typhoid Fever 10
Tuberculosis of Lungs 19 Tuberculosis other forms 1
Whooping Cough 24 Measles 1
Ophthalmia Neonatorum
Chicken Pox
Mumps
Influenza
Dog Bite
Trachoma

The following is the number of contagious diseases reported in each ward: 5-12

6-13

4-14

Estimating the population at 125,969, 132 deaths would give an annual death rate of 12.57 in 1,000 This is 4 more than last month and 29 less than the same month in 1920.

FRANK L. LARKIN, Secretary.

8-8 9-11

7-3

SAMUEL B. MORRISS, Agent.

3--11

Norway..... Unknown .....

1-21



# MONTHLY BULLETIN

- OF THE-

# BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS.

SAMUEL B. MORRISS, AGENT.

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HEALTH DEPARTMENTS PLEASE EXCHANGE.

VOLUME VII

**NOVEMBER 1921** 

NUMBER XI

If you have to cough and sneeze, Do it behind your handkerchief, please.

If every one followed the advice given in the little jingle above, there would be fewer colds, pneumonias and other diseases of the respiratory organs. Colds are very infectious and are contracted by more people than any other ailment. Contrary to the popular belief, colds are not due to drafts, changes in temperature or chilliness of the body, but these all tend to break down the natural resistance of the body and so allow the specific bacteria of cold to infect a person. Colds in turn lower the person's vitality and favor infection by pneumococci, the bacteria of pneumonia, and by other diseases.

The discharges from the nose and mouth contain the bacteria of colds and the pneumococci and are the means by which these infections are transmitted, directly by carelessness in coughing, sneezing and spitting, indirectly by eating utensils, handkerchiefs, etc. During the cold weather, there is greater danger of infection, through careless coughing and sneezing, as people spend so much of their time indoors and through fear of drafts, often in overheated and poorly ventilated homes, schools, offices and workshops. Street cars, movies houses, dance halls, etc., where people gather in large numbers are also factors in the spread of these infections as there are generally some persons present who thoughtlessly endanger the health and comfort of those about them, by coughing and sneezing, without any attempt to prevent the spraying of others with the discharges thus thrown out.

It has been said that disease germs lead a hand to mouth existence and this is especially true of the bacteria of colds and pneumonia. While it is all well enough as a lesser evil to guard the cough and sneeze by holding the hand before the mouth and nose, it is much better to use a handkerchief, or better still, paper napkins when possible, which can be burned. For the hand which has been sprayed with the moist

discharges may very shortly afterwards grasp the hand of another in friendly greeting and be the means of transmitting disease to the other person. The necessity of keeping the hands scrupulously clean is self evident not only for self protection, but also to protect others from our own lapses.

The use of eating utensils which have not been thoroughly cleansed, especially in public eating places is also a source of danger. In recognition of this, the department has a regulation which requires that all glasses, cups, spoons, forks and other utensils for the public sale or dispensing of liquids, beverages, drinks, food and other refreshments shall be thoroughly cleansed and scalded with clean boiling water or otherwise sterilized before being used or exposed for use. It is also required that printed copies of this regulation be posted in a conspicuous place in each establishment affected. As we have but one Inspector available for. enforcing this regulation frequent inspections cannot be made but we believe they are generally observed. However, customers noticing violations are requested to call the attention of the proprietor of the place to the violation and also report it to the Board of Health.

If persons infected with colds promptly placed themselves under medical supervision and were put in bed for a few days and properly isolated, much would be accomplished in preventing the spread of the infection. Many persons do not as yet realize that lobar pneumonia is an acute infection and do not hesitate to expose themselves to contagion by coming in contact with cases of the disease. When it is realized that it is infectious, and the careful nursing and medical supervision, which the disease requires, is secured in all cases, much will be done to prevent the spread of this disease. But only when the general public exercises extreme carefulness in such things as the cleanliness of the hands, in seeing that eating utensils, etc. especially in public places, are properly cleansed, in guarding the cough and sneeze, in insisting on proper ventilation in homes, schools, street cars, workshops, places of amusements, etc., and avoidance of predisposing causes such as chilling, exposure to drafts, etc., will prevention be fully effective.

# MORTALITY FOR THE MONTH OF OCTOBER, 1921

X.	-Endemic or Infectious Diseases	•
1	Typhoid fever (abdominal typhoid and para-typhoid)	
2 3	1. Paratyphoid fevers  Typhus fever (exanthematous)  Relapsing fever (spirillum obermei-	
4 5	Relapsing fever (spirillum obermeieri) Melito—coccosis (Malta fever) Malarial fever or cachexia 0. Malarial fever	
6 7 8 9 10	1. Malarial cachexia Smallpox Measles Scarlet fever Whooping cough Diphtheria Influenza Complications: 0. Pneumonia	3 1
	2. Heart diseases 3. Nephritis 4. Meningitis 5. Gastro intestinal 6. Puerperal 7. Others	
12 13 14 15	Miliary fever Mumps Asiatic cholera (cholera (choleriform en-	
.€	Dysenter;  0. Amebic 1. Bacillary 2. Unspecified or due to other causes	
17	Plague  0. Bubonic  1. Pneumonic  2. Septicemio  3. Unspecified	
18 19 20 21 22 23 24 25	Yellow fever [cterohemorrhagica spirochetosis Leprosy Erysipelas Acute poliomyelitis Encephalitis lethargica Epidemic cerebro-spinal meningitis. Other epidemic diseases  () Varicella 1. Rubella	
26 27 28 29 30 31 32	Purulent or septicemic infection Glanders and farcy Malignant pustule (anthrax) Rabies Tetanus Mycoses Tuberculosis of the respiratory system Tuberculosis of the meninges or of the central nervous system Tuberculosis of the intestines or	1
33	tem Tuberculosis of the meninges or of the central nervous system	11
35 36' 37	peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints Tuberculosis of other organs and	
	0. Tuberculosis of the skin or subcutaneous cellular tissue	
	2. Tuberculosis of the lymphatic system (except the mesenteric and retroperitoneal glands)	
38	3. Tuberculosis of the genito- urinary system 4. Tuberculosis of other organs Disseminated tuberculosis 0. Acute (including miliary tu-	
	berculosis of the lungs, except that specified as chronic or pulmonary)	1
39	1. Chronic Syphilis (includes syphilic infection of any organ, tissue or structure of the body) 0. Primary 1. Secondary 2. Tertiary 3. Hereditary 4. Period not specified	
40	Soft chancre (used for morbidity	
41	statistics only)	
42	the eye or adnexa	

J	I.—General Diseases Not Included Above.	
43	Cancer or other malignant tumors	
	Cancer or other malignant tumors of the buccal cavity	
	1. Cancer of the tongue	
	2. Cancer of the mouth	
	4. Others	
44	Cancer or other malignant tumors	
	0. Cancer of the pharynx	
	1. Cancer of the esophagus	1
	3. Cancer of the liver and gall	1
	bladder	1
45	Cancer or other malignant tumors of the peritoneum, intestines and	
	O. Cancer of the mesentery and peritoneum  Cancer of the intestines (except rectum)  Cancer of the rectum and	
	v. Cancer of the mesentery and	
	1. Cancer of the intestines (ex-	
	cept rectum)	
	annus	
10	3. Others	
40	Cancer or other malignant tumors of the female genital organs	
	0. Cancer of the ovary and	
	1. Cancer of the uterus	2
	2. Cancer of the vagina and	
	vulva	
47	Cancer or other malignant tumors	
48	annus 3. Others Cancer or other malignant tumors of the female genital organs 0. Cancer of the ovary and fallopian tubes 1. Cancer of the uterus 2. Cancer of the vagina and vulva 3. Others Cancer or other malignant tumors of the breast Cancer or other malignant tumors	3
40	Cancer or other malignant tumors of the skin	
49	Cancer or other malignant tumors	
	of other or unspecified organs 0. Cancer of the larvnx	
	1. Cancer of the lung and	
	2 Cancer of the pancreas	2
	3. Cancer of the kidneys and	
	suprarenals	
	5. Cancer of the bladder	1
	6. Cancer of the brain	
	iaw)	
	Cancer or other malignant tumors of other or unspecified organs  0. Cancer of the larynx	4
50	Benign tumors and tumors not re-	1
	turned as malignant (except be-	
	the overy and uterus—136, 138)	
	0. Tumor of the brain	
	1. Tumor of thorax	
	3. Tumor of bladder	
	4. Tumor of prostate	
. 51	Acute febrile articular rheumatism	
52	Chronic rheumatism or gout	
53	Scurvy	
54 55	Pellagra Beri-beri	
56	Rickets	_
57 58	Diabetes Anemia, Chlorosis	1
	O. Pernicious anemia O. Pernicious anemia Other anemias and chlorosis Diseases of the pituitary gland. Diseases of the thyroid gland.  Diseases of the thyroid gland.  Output  Diseases of the thyroid gland.  Diseases of the thyroid gland.	1
59	1. Other anemias and chlorosis	
60	Diseases of the thyroid gland	
	v. Exophthalmic golfre	1
	1. Other diseases of the thy- roid gland	
61	roid gland Diseases of the parathyroid gland. Diseases of the thymus. Addison's disease (disease of the adrenals) Diseases of the spleen Leukemia and Hodgkin's disease.  0 Leukemia	
62 63	Addison's disease (disease of the	
	adrenals)	
64 65	Diseases of the spleen	
0.5	0. Leukemia	
66	0. Leukemia	1
67	Chronic poisoning by mineral sub-	1
	stances	
	1. Others	
68	stances 0. Chronic lead poisoning 1. Others Chronic poisoning by organic sub-	
69	Stances	
43	0. Acidosis	
	1. Amyloid degenerations 2. Autointoxications	
	3. Hemophilia	
	4. Purpura hemorrhagica	
	5. Others	

		_
111.	—Diseases of the Nervous Syst and Organs of Special Sense.	em
70	Encephalitis	
71	Encephalitis  Meningitis  0. Simple 1. Non-epidemic cerebro - spinal meningitis  Progressive locomotor ataxia (tabes dorsalis)  Other diseases of the spinal cord. 0. Bulbar paralysis (Duchenne's disease)	
72	al meningitis Progressive locomotor ataxia (tabes	1
73	Other diseases of the spinal cord	
	0. Bulbar paralysis (Duchen- ne's disease)	
	1. Paralysis agitans (Parkinson's disease)	
	0. Bulbar paralysis (Duchenne's disease) 1. Paralysis agitans (Parkinson's disease) 2. Acute ascending spinal paralysis (Landry's disease). 3. Myelitis 4. Others Cerebral hemorrhage, apoplexy. 0. Cerebral hemorrhage	
74	4. Others	
7-7	1 Canal and the same	8
75	bolism	1
, ,	Paralysis (without specified cause) 0. Hemiplegia 1. Other forms of paralysis General paralysis (of the insane). Other forms of mental alienation	1
76 77	General paralysis (of the insane) Other forms of mental alienation	1
78 79	Epilepsy	1
80	years and over)	
81	Epilepsy Convulsions (non-puerperal) (5 years and over) Infantile convulsions (under five years of age).	
,	0. Chorea 1. Hysteria and neuralgia	
82	Chorea  0. Chorea  1. Hysteria and neuralgia 2. Neuritis Softening of the brain Other diseases of the nervous system	
83	Other diseases of the nervous system	
84	Other diseases of the nervous system Diseases of the organs of vision and adnexa except gonococcal infection, No. 42  0. Diseases of the eye (except tumor)  1. Follicular conjunctivitis 2. Trachoma 3. Tumors of the eye 4. Other diseases of the eye or its adnexa	
	tion, No. 42	
	tumor)	
	3. Tumors of the eye	
85	its adnexa	
00	tis adnexa Diseases of the organs of hearing and the mastoid process  0. Diseases of the ear.  1. Diseases of the mastoid process	
	1. Diseases of the mastoid	
IV	-Diseases of the Circulatory Syste	em
86 87	Acute endocarditis and myocarditis	
	0. Acute endocarditis	1 3
88 89	Angina pectoris Other diseases of the heart O. Chronic endocarditis	
	1. Chronic myocarditis	3 6
90	2. Other chronic diseases of the heart	4
91	Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except	
92	Embolism and thrombosis (except cerebral)	
93	Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	
94	Diseases of the lymphatic system (lymphangitis, etc.)	
95	cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulators system	
V		m
96	Diseases of the Respiratory Syste Diseases of the nasal fossae and	-450
	their adnexa  0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer	
97	Diseases of the larynx (except tuberculosis and cancer	
98		2
	1. Chronic	
	5 years of age	
99	3. Not otherwise defined, 5 years and over Broncho pneumonia (including capillary bronchitis)  0. Broncho pneumonia 1. Capillary bronchitis	
	0. Broncho pneumonia	4
100	A II COMMICTION	
101	I. Not otherwise specified	
101	Pleurisy  0. Pleurisy  1. Empyema of thoracic cavity	
	Or onvious outley	

-			
102	Congestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolic acid
	orrhage of the lung	nancy	3. Cocaine
103 104	Asthma Emphysema of the lung	145 Other accidents of childbirth	5. Opium (morphine)
105	Emphysema of the lung Other diseases of the respiratory	0. Cesarian section	6. Wood alcohol
100	system (tuberculosis excepted)	and instrumental delivery	8. Not specified or unknown
	0. Chronic interstitial pneumo- nia (including occupational	2. Others 1	178 Conflagration
	diseases of the lung)  1. Diseases of the mediasti-	147 Phlegmasia alba dolens, puerperal	flagration excepted)
		embolism or sudden puerperal death	0. Stoves
	num	148 Puerperal albuminuria or convul-	2. Steam
VI	Diseases of the Digestive System.	sions	3. Hot fluids
	Diseases of the mouth and adnexa.	tion)	5. Bonfires
	v. Diseases of the teeth and	150 Puerperal diseases of the breast	6. Others
	1. Other diseases of the buccal	IX.—Diseases of the Skin or Cellular	180 Accidental mechanical suffocation
100	cavity and adnexa  Diseases of the pharynx and tonsils	Tissue.	0. Foreign body in larynx 1. Overlying
100	(includes adenoids)	151 Gangrene	2. Others of irrespir-
	0. Streptoccic sore throat 1. Ludwig's angina	152 Boil, carbuncle, furuncle	able or poisonous gas
	2. Tonsilitis	154a Tinea and alopecia (morbidity	0. Illuminating gas
	3. Adenoids	only) 154b Pruritis (morbidity only)	2. Coal gas
	Diseases of the esophagus Ulcer of the stomach and duode-	155 Other diseases of the skin and its adnexa	4. Sewer gas
110	num		5. Other gases
	0. Ulcer of the stomach 1. Ulcer of the duodenum	X.—Diseases of the Bones and Organs	182 Accidental drowning
111	Other diseases of the stomach (can-	of Locomotion.	0. Rivers, ponds, etc
	cer excepted	156 Diseases of the bones (tubercu-	183 Accidental injury by firearms (wounds of war excepted) 184 Accidental injury by cutting or
	1. Gastritis	losis excepted)	184 Accidental injury by cutting or
	2. Stricture or stenosis of py- lorus	losis and rheumatism excepted)	piercing instruments
112	3. Others	158 Other diseases of the bones or organs of locomotion	0. Down shafts, hatchways,
	years of age) 22	XI.—Malformations.	holds of vessels
113	Diarrhea and enteritis (2 years and over)	159 Congenital malformations (still-	2. From buildings
114	Ankylostomiasis	births excepted)	3. From fire-escapes
115	Diseases due to other intestinal parasites	0. Hydrocephalus	5. From windows
	0. Cestodes (hydatids of the liver excepted)	2. Others 2	7. On streets, sidewalks, etc
	1. Trematodes	XII.—Diseases of Early Infancy.	9. Other falls
	2. Nematodes (other than ankylostoma)	160 Congenital debility, icterus and	quarries
	3. Coccidia	sclerema	0. In mines
	4. Other parasites	0. Marasmus	I 187 Accidental traumatism by machines
116 117	Appendicitis and typhlitis 1 Hernia, intestinal obstruction	2. lcterus 3. Sclerema	0. Deaths by machinery 1. Deaths by elevators
111	0. Hernia 1	4. Others 1	188 Accidental traumatism by other crushing (vehicles, railways,
118	1. Intenstinal obstruction Other diseases of the intestines	161 Premature birth, or consequence of labor	landslides, etc.)
	0. Diseases of the anus and	0. Premature birth 4	0. Run over by wagons, trucks, etc.
	stercoral fistulae	1. Injury at birth 3 162 Other diseases peculiar to early in-	1. Run over by automobiles 2 2. Run over by other vehicles
110	Acute yellow atrophy of the liver.	fancy 0. Asphyxia neonatorum	3. Run over by electric surface
120	Hydatid tumor of the liver	1. Atelectasis 1	4. Run over by steam railroad
121	Cirrhosis of the liver	2. Umbilical infection	cars
100	1. Not returned as alcoholic 1	4. Others	road cars
122 123	Biliary calculi 1 Other diseases of the liver 1		6. Run over by subway cars 7. Crushed by falling bodies
124	Diseases of the pancreas except cancer Peritonitis of unstated cause 1	XIII.—Old Age.	8. Crushed by derricks, stones,
125	Peritonitis of unstated cause 1 Other diseases of the digestive	164 Old age (senility)	etc
120	system (cancer and tuberculosis	XIV.—External Causes.	189 Injuries by animals (not poisoning) 190 Wounds received in war
	excepted)	165 Suicide by solid or liquid poisons (corrosive substances excepted)	191 Executions of civilians by bellig-
VI	I.—Non-Venereal Diseases of the	0. Opium, morphine	erent armies 192a Excessive labor
	Genito-Urinary System and	1. Strychnine	192b Starvation (deprivation of food or water)
	its Adnexa.	3. Others	193 Excessive cold
127	Acute nephritis (including unspecified under 10 years of age)	0. Arsenic (paris green)	194 Excessive heat
128	Chronic nephritis (including un-	1. Bichloride of mercury 2. Garbolic acid	196 Other accidental electric shocks 1 197 Homicide by firearms
129	specified over 10 years of age 10 Chyluria	3. Cyanides (prussic acid)	198 Homicide by cutting or piercing in-
130	Other diseases of the kidneys and their adnexa (diseases of the	5. Muriatic acid (hydrochloric	struments
	kidney in pregnancy excluded)	acid)	than 1 year of age)
131 132	Calculi of the urinary passages  Diseases of the bladder (except	167 Suicide by poisonous gas	201 Fracture (cause not specified)
	tumors)	0. Illuminating gas 1 1. Chloroform	Dislocations
133	Diseases of the urethra, urinary abcess, etc.	2. Coal gas 3. Others	2. Fractures (cause unspeci-
	0. Stricture of the urethra 1. Others	168 Suicide by hanging or strangulation	fled)
134	Diseases of the prostate (except	169 Suicide by drowning	0. Criminal abortion
135		1. Others	1. Explosions
	genital organs	171 Suicide by cutting or piercing in-	3. Other medicaments (injection)
	the ovary	struments	4. Other external violence 203 Violent deaths of which the cause
137 138	Salpingitis or pelvic absecss	places	is unknown
139	Non-puerperal uterine hemorrhage.	173 Suicide by crushing	XV.—Ill-Defined Diseases.
140 141		175 Poisoning by food	Av. III-Denned Diseases.
	organs	1. Shell fish	204 Sudden death
142	breast (cancer excepted)	2. Pork sausages 3. Others	defined
	VIII.—The Puerperal State.	176 Poisoning by venomous animals 177 Other acute accidental poisonings	0. Ill-defined or not specified 1. No disease; malingering
143	Accidents of pregnancy	(gases excepted)	2. Surgical operation
	0. Abortion	0. Ethyl alcohol	TOTAL 136

### CONTAGIOUS HOSPITAL REPORT FOR OCTOBER, 1921

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat	Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Whooping Cough	Influenza	Syphillis	Suppurative Conjunctivitis	Meningitis T. B. Scabies	Total
Patients admitted	••••				3	****		** **		****	2			0	1	****	****		6
Termination { Recovery Death		••••		••••	1									3		****	****	3	12 1

DEATHS BY AGE	S		
Under 1 days	9 Total	Males	7 Females
Under 1 day	1	0	1
1-2 days	1	0	1
2-3 days	2	2	0
3 days-1week	1	0	1
1-2 weeks	3	3	0
3 wks-1 month	2	1	1
1-2 months	3	1	2
2-3 months	0	0	0
3-6 months	_	7	4
6-9 months	5	4	1
9-12 months	4	3	1
	4	2	2
1 year 2 years	3	1	2
3 years	1	0	1
4 years	2	0	2
5-9 years	5	5	0
10-14 years	0	0	0
15-19 years	0	0	0
20-24 years	3	2	1
25-29 years	4	2	2
30-34 years	2	1	1
35-39 years	4	1	3
40-44 years	_	3	7
45-49 years1		6	4
50-54 years1		4	8
55-59 years	7	4	3
60-64 years	6	3	3
65-69 years	7	4	3
70-74 years	3	2	1
75-79 years	7	4	3
80-84 years	4	2	2
85-89 years	1	0	1
90-94 years	2	2	0
95-99 years			
100+			
Unknown			
Total 13	6	73	63

DEATHS BY WARDS	
1	8
2	9
3	3
41	1
5	8
6	2
7	2
8	9
9 3	1

HOSPITALS	
City Hospital	)
Union Hospital10	)
St. Anne's Hospital	
Bay View Hospital	
Truesdale Hospital	
Contagious Hospital 1	
City Home	
STILL BIRTHS	
Males12	
Females 8	
Unknown	
Total 20	1
10001	
NATIVITY	
Fall River 67	
Massachusetts	
Other States10	
Ireland 5	
Canada18	
England14	
Scotland	
Germany	
Azores 12	
Austria	
France	
Belgium	
Russia2	
Portugal 1	
Italy	
Poland	
Denmark	
Australia	
Sweden	
Spain	
Greece	
Brazil	
Syria 1	
Hawaii	

CEMETERIES
Oak Grove
St. John's 5
St. Mary's 1
St. Patrick's
St. Patrick's 32 Notre Dame 50
Nwoo Hill4
Agedas Aham
Our Lady of Light2
Sent away for interment
Brought here for interment19
SEX
Male
COLOR
White
CONDITION
Married
Widowed
Divorced
Unknown
There were 81 cases of contagious diseases
reported for Oct., viz: Diphtheria
Scarlet Fever
Typhoid Fever 6 Tuberculosis of Lungs 18
Tuberculosis of Lungs
Tuberculosis, other forms
Measles
Ophthalmia Neonatorum10
Suppurative Conjunctivitis
Chicken Pox
Cerebro-Spinal Meningitis
Pneumonia, Lobar
Septic Sore Throat
Influenza
German Measles
Lethargica Encephalitis
Gonorrhoea
Tetanus 1

The following is the number of contagious diseases reported in each ward:

1-8 2-8 3-13 4-13 5-10 6-9 7-6 8-5 9-9

Estimating the population at 125,969, 136 deaths would give an annual death rate of 12.96 in 1,000.

This is 4 more than last month and 13 less than the same month in 1920.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

Norway.....



# MONTHLY BULLETIN

-OF THE-

# BOARD OF HEALTH

CITY OF FALL RIVER

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### INFE EXIDENSION

According to the life tables for the Registration States, the expectation of life in 1910 was fifty-one and one-half years. Just what these figures mean is explained in the Statistical Bulletin of the Metropolitan Life Insurance Company for December, as follows: "What does this figure mean? A great many people die in infancy, some live to be octogenarians, and others exceed even this advanced age. But, the duration of human life, on the average, from birth to death, under conditions prevailing in 1010 was fifty-one and one-half years." It is pointed in 1910 was fifty-one and one-half years." It is pointed out that as a result of the development of the modern public health movement that the average age has been increased considerably during the past fifty years. Reference is made to the fact that when the life tables for Massachusetts were prepared in 1855, the expectation

was eleven years less than in 1910.

Methods of increasing the expectation of life by extending the work which has shown such good results are advocated and it is claimed that by such activities that one-third of the deaths which occur every year can be prevented or postponed and that in some communities the proportions may reach even one-half. By greater community efforts, automobile accidents can be diminished and many deaths prevented. By the use of the Schick Test and toxin-antitoxin the incidence of Diphtheria will be less and the prompt use of antitoxin in such cases as do occur will lower the mortality from Diphtheria. By the use of the facilities of tuberculosis clinics and the resulting early discovery of cases, deaths from this disease can be prevented and the advanced cases can be placed under treatment and deaths postponed for many years. By periodical physical examinations, many deaths from diseases, such as cancer, heart disease and Bright's disease can be prevented or postponed by the securing of necessary surgical, medical and nursing care.

But it is pointed out that even more promising as a field of life extension is work to control excessive infant mortality. The statement is made that it has been demonstrated many times that high infant mortality can be cut one-half almost from the beginning through the development of proper health measures. And it is also stated that under the conditions which prevailed during the last decade that by so reducing the infant mortality three and one half years would be added to the expectathree and one-half years would be added to the expecta-

That these methods should be taken up in our own community goes without saying, but they cannot be successful without the co-operation and support of the entire community. The securing of this co-operation is somewhat difficult because of the attitude of many of our people. In spite of activities such as that in the Statistical Bulletin and the efforts of health organization. tions both public and private to educate the public in methods of promoting the public health and prolonging life, there are many persons who apparently will not be convinced, but who point to the good old days, when according to their view point, people were much healthier than now and lived longer. They will refer to certain acquaintances, who each lived to a ripe old age, to justify their stand, but, they, of course, know nothing of the many needless deaths which could have been and are prevented now by the practice of modern health methods. But even such people we are sure can be convinced, when they are shown that hard headed business concerns engaged in Life Insurance use these tables in computing the cost of insurance and base their rates upon the average expectation of life as shown by them. And that in order to further safeguard their funds, actively engage in furthering methods of promoting health and prolonging life, especially among their policy-holders, and are amongst the foremost in the field of educating the public to the necessity of preventive work and in securing the assistance and support of the public in carrying these methods to success.

While all these methods could be taken up in Fall River, in view of the fact that in this city twenty-five per cent. of the deaths annually are among children under one of the deaths annually are among children under one year of age compared with fifteen per cent. for the whole of the United States and Canada, it is apparent that the most important work for us is in the field of prevention of infant mortality. When we consider how successful efforts along this line have been in such cities as New Bedford and Lowell, we can feel assured that with the proper facilities for doing such work, we could also materially lower our infant death rate in a very short period, and in so doing, of course, decrease the general

mortality rate.

WALK AND WALK EVERY DAY

Nothing is too good for the baby. Life's expectancy has increased some ten years in four decades, but the expectancy has been largely in infancy, childhood and youth through enlightenment, subjugation of contagion immunization, etc. But with the adults it is different. The expectation at 40 is even less than at thirty, in consequence of degenerative diseases, especially of the heart, kidney and blood vessels. The reasons are well known, the high pressure of complex modern life, the demand on nervous energy, increase of mental and sedentary work, with the result of deficient ellmination.

The remedy is the advice Sir Benjamin Brodie gave his sovereign, the King of England, when called to see him for gout. Brodie said: "Your Majesty, live on a Shilling a day and earn it", which means oxidation by work or exercise, and the best exercise is walking. We cannot all play golf, polo or tennis, but we all can walk, young, old, poor and rich. For walking to be beneficial, a few points are essential.

It should not be undertaken when tired or hungry; it should be indulged in regularly every day. The amount should be adapted to the age, physique and condition. It should be made pleasant and not a drudgery. When with good company and pleasant surroundings, it cannot be excelled as a health-giving indulgence.

A man is much like a furnace—the food is the coal taken

pleasant surroundings, it cannot be excented as a floating strainfulgence.

A man is much like a furnace—the food is the coal taken in to burn up, oxidize for energy. The retrograde material is the ashes, which if not eliminated, clogs and finally puts the fire out, the vital spark of life.

fire out, the vital spark of life.

LIKE OUR FORDS

When we look after our health with the same care as we do our Fords, everything will improve and we will increase in health, wealth and happiness. As there will be no defective teeth, there will be no rheumatism or the various ailments they are responsible for; there will be no fat men or women and none of the impairments that follow; degenerative diseases will be lessened, life prolonged and the death rate reduced. As this will never be done as a voluntary matter we are led back to the matter of compulsory physical training and health education, which should be a compulsory part of every school curriculum in the country, the same as the mental.—Buffalo Sanitary Bulletin.

### MORTALITY FOR THE MONTH OF NOVEMBER, 1921

L	-Endemic or Infectious Diseases.	
1	Typhoid fever (abdominal typhoid and para-typhoid)	
2	1. Paratyphoid fevers	
3	Relapsing fever (spirillum opermei-	
4 5	Malita accordin (Malta fever)	
0	0. Malarial fever	
6	Smallpox	
7 8	Malarial fever or cachexia.  0. Malarial fever 1. Malarial cachexia Smallpox Measles Scarlet fever Whening cough	
10	Whooping cough Diphtheria Influenza Complications:	2
11	Complications:	
	0. Pneumonia 1. Bronchitis	1
	2. Heart diseases	
	5. Gastro intestinal	
	6. Puerperal	
12 13	Miliary fever	
14	Asiatic cholera	
15	teritis)	
16	Dysentery	
	0. Amebic 1. Bacillary 2. Unspecified or due to other causes	
17	Plague	
••	0. Bubonic	
	1. Pneumonic	
18	Yellow fever	
19 20	Icterohemorrhagica spirochetosis. Leprosy	
21	Erysipelas	2
23	Encephalitis lethargica Epidemic cerebro-spinal meningitis.	
25	Icterohemorrhagica spirochetosis. Leprosy Erysipelas Acute poliomyelitis Encephalitis lethargica Epidemic cerebro-spinal meningitis. Other epidemic diseases 0. Varicella 1. Rubella	
	2 Others	
26	Purulent or septicemic infection Glanders and farcy Malignant pustule (anthrax) Rabies	
27 28	Malignant pustule (anthrax)	
29 30	Tetanus	1
31 32	Rabies Tetanus Mycoses Tuberculosis of the respiratory system Tuberculosis of the meninges or of the central nervous system Tuberculosis of the intestines or peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints Tuberculosis of other organs and structures	
33	Tuberculosis of the meninges or of	6
34	Tuberculosis of the intestines or	3
35	peritoneum	1
36 37	Tuberculosis of the joints	
	structures	
	subcutaneous cellular tissue 1. Tuberculosis of the bones	
	(except vertebral column).	
	2. Tuberculosis of the lym- phatic system (except the mesenteric and retroper-	
	itoneal glands)  Tuberculosis of the genito- urinary system	
	urinary system	
38	4. Tuberculosis of other organs Disseminated tuberculosis 0. Acute (including miliary tu-	
	berculosis of the lungs, ex- cept that specified as	
	chronic or pulmonary)	
39	1. Chronic	
-	of any organ, tissue or structure of the body)	
	0. Primary	
	2. Tertiary	1
	4. Period not specified	1
40	Soft chancre (used for morbidity statistics only)	
41	the eve or adnexa	
42	Gonococcal ophthalmia	

		_
11	.—General Diseases Not Included Above.	
43	Cancer or other malignant tumors of the buccal cavity  0. Cancer of the lip  1. Cancer of the tongue  2. Cancer of the mouth  3. Cancer of the jaw  4. Others	
	of the buccal cavity	
	1. Cancer of the tongue	
	2. Cancer of the mouth	
	4. Others	
44	Cancer or other malignant tumors	
	of the stomach and liver	
	1. Cancer of the esophagus	
	4. Others	2
	bladder	
45	Cancer or other malignant tumors	
	of the peritoneum, intestines and	
	0. Cancer of the mesentery and	
	1 Cancer of the intestines (ex-	
	cept rectum)	1
	2. Cancer of the rectum and	2
	3. Others	-
46	Cancer or other malignant tumors	
	0. Cancer of the ovary and	
	fallopian tubes	2
	2. Cancer of the vagina and	4
	vulva	
47	Cancer or other malignant tumors	
	of the peritoneum, intestines and rectum  0. Cancer of the mesentery and peritoneum  1. Cancer of the intestines (except rectum)  2. Cancer of the rectum and shifts  3. Others  Cancer or other malignant tumors of the female genital organs.  0. Cancer of the ovary and fallopian tubes  1. Cancer of the uterus.  2. Cancer of the vagina and vulva  3. Others  Cancer or other malignant tumors of the breast  Cancer or other malignant tumors	
48	Cancer or other manghant tumors	
49	of the skin	
	of other or unspecified organs 0. Cancer of the larynx	
	1. Cancer of the lung and	
	pleura  2. Cancer of the pancreas  3. Cancer of the kidneys and	
	3. Cancer of the kidneys and	
	suprarenals	
	5. Cancer of the bladder	1
	6. Cancer of the brain	
	7. Cancer of the bones (except jaw)	
50	8. Cancer of the testes	
	turned as malignant (except be-	
	the ovary and uterus—136, 138)	
	0. Tumor of the brain	
	2. Tumor of abdomen	
	3. Tumor of bladder	
	5. Tumor of other location	
.51	Acute febrile articular rheumatism	1
52	Chronic rheumatism or gout  1. Chronic gout	
	1. Chronic gout	
53 54	Scurvy	
55	Beri-beri	
56 57	Rickets Diabetes	2
58	Anomia Chlorodia	
	1. Other anemias and chlorosis	2
59	0. Pernicious anemia	
60		
	1. Other diseases of the thy-	
61	1. Other diseases of the thyroid gland. Diseases of the parathyroid gland. Diseases of the thymus.	1
62	Diseases of the thymus	
63	Addison's disease (disease of the	
64	adrenals)  Diseases of the spleen  Leukemia and Hodgkin's disease.	
65	0. Leukemia	
	0. Leukemia	
66 67	Alcoholism (acute or chronic) Chronic poisoning by mineral sub-	2
07	stances	
	0. Chronic lead poisoning	
68	stances  0. Chronic lead poisoning 1. Others Chronic poisoning by organic substances	
69	other general diseases	
N. S.	0. Acidosis	1
	1. Amyloid degenerations 2. Autointoxications	
	? Hemophilia	
	4. Purpura hemorrhagica 5. Others	
	J. U	

		-
III	Diseases of the Nervous Systemand Organs of Special Sense.	m
70	Encenhalitie	1
71	Meningitis	
	Meningitis  0. Simple 1. Non-epidemic cerebro - spin- al meningitis  Progressive locomotor ataxia (tabes	
70	al meningitis	
72	dorsalis)	
73	Other diseases of the spinal cord	
	ne's disease)	
	dorsalis) Other diseases of the spinal cord.  0. Bulbar paralysis (Duchenne's disease)  1. Paralysis agitans (Parkinson's disease)  2. Acute ascending spinal paralysis (Landry's disease)  3. Myelitis	
	2. Acute ascending spinal par-	
	alysis (Landry's disease)	
	3. Myelitis 4. Others Cerebral hemorrhage, apoplexy	
74	Cerebral hemorrhage, apoplexy	
	Cerebral hemorrhage     Cerebral thrombosis and em-	7
75	bolism	
70	0. Hemiplegia	
76	Paralysis (without specified cause)  0. Hemiplegia  1. Other forms of paralysis  General paralysis (of the insane)  Other forms of montal alignation	
77		
78	Epilepsy	1
79	years and over)	
80	Epilepsy Convulsions (non-puerperal) (5 years and over) Infantile convulsions (under five years of age)	
81	Chorea	
	0. Chorea	
	2. Neuritis	
82 83	Chorea  O. Chorea  1. Hysteria and neuralgia 2. Neuritis  Softening of the brain Other diseases of the nervous system	
	tem	
84	Diseases of the organs of vision and adnexa except gonococcal infec-	
	tion, No. 42	
	0. Diseases of the eye (except	
	1. Follicular conjunctivitis	
	adnexa except gonococcai infec- tion, No. 42  0. Diseases of the eye (except tumor)  1. Follicular conjunctivitis  2. Trachoma 3. Tumors of the eye 4. Other diseases of the eye or its adnexa	
	4. Other diseases of the eye or	
85	Digeases of the organs of hearing	
	and the mastoid process  0. Diseases of the ear.  1. Diseases of the mastoid process	
	1. Diseases of the mastoid	
	process	1
IV	Diseases of the Circulatory Syste	m
87	Pericarditis	
	0. Acute endocarditis 1. Acute myocarditis	2
88	Angina pectoris	-
89	Angina pectoris Other diseases of the heart O. Chronic endocarditis Chronic myocarditis Other chronic diseases of	7
	1. Chronic myocarditis	5
		5
90 91	Aneurism Atheroma and other diseases of the	
	arteries	4
92	arteries Embolism and thrombosis (except cerebral)	1
93		1
94	hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.)	
	(lymphangitis, etc.)	
95	(lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the circulatory system	
V.—	Diseases of the Respiratory System Diseases of the nasal fossae and	m.
90	their adnexa	
	their adnexa	
97	1. Others Diseases of the larynx (except tuberculosis and cancer	
98	tuberculosis and cancer Bronchitis	
20	0. Acute	
	1. Chronic	1
	5 years of age	1
	3. Not otherwise denned, 5	1
99	Broncho pneumonia (including capillary_bronchitis)	
	0. Broncho pneumonia	9
400	1. Capillary bronchitis	
100	Pneumonia	5
101	1. Not otherwise specified	3
101	0. Pleurisy	
	1. Empyema of thoracic cavity	

102	Congestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolic acid
103	Gangrene of the lung	nancy	3. Cocaine
104 105	Asthma	145 Ulher accidents of childhirth	5. Opium (morphine)
106		0. Cesarian section	7. Others
	system (tuberculosis excepted) 0. Chronic interstitial pneumo-	and instrumental delivery	
	nia (including occupational	2. Others  146 Puerperal septicemia	179 Accidental burns and scales (con-
	nia (including occupational diseases of the lung)  1. Diseases of the mediasti-	147 Phlegniasia alba dolens, puerperal embolism or sudden puerperal	magration excepted)
	num	death	0. Stoves
***		148 Puerperal albuminuria or convul- sions	2. Steam 3. Hot fluids
	-Diseases of the Digestive System.	149 Childbirth (without other explana-	4. Watches
107	Diseases of the mouth and adnexa.  0. Diseases of the teeth and	tion)	5. Bonfires
	1. Other diseases of the buccal	IXDiseases of the Skin or Cellular	7. Unknown
	cavity and adnexa	Tissue.	0. Foreign body in larvnx
108	Diseases of the pharynx and tonsils (includes adenoids)		1. Overlying 1 2. Others 1
	0. Streptoccic sore throat	151 Gangrene	absorption of irrespir-
	1. Ludwig's angina	153 Phlegmon, acute abscess	able or poisonous gas
	3. Adenoids	154a Tinea and alopecia (morbidity only) 154b Pruritis (morbidity only) 155 Other diseases of the skin and its	1. Chloroform or ether
109	Diseases of the esophagus	155 Other diseases of the skin and its	3. Ammonia iumes
110	Ulcer of the stomach and duode- num	aunera,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	4. Sewer gas 5. Other gases
	0. Ulcer of the stomach 1 Ulcer of the duodenum 1	X.—Diseases of the Bones and Organs	6. Unknown 182 Accidental drowning
111	Other diseases of the stomach (can-	of Locomotion.	U. Kivers, ponds, etc.
	cer excepted	156 Diseases of the bones (tubercu-	1. Others
	1. Gastritis	losis excepted)  157 Diseases of the joints (tubercu-	183 Accidental injury by firearms (wounds of war excepted)
	lorus		piercing instruments
112	3. Others	158 Other diseases of the bones or organs of locomotion	185 Accidental injury by falls 0. Down shafts, hatchways,
449	3. Others Diarrhea and enteritis (under 2 years of age)	XI.—Malformations.	noids of vessels
	Diarrhea and enteritis (2 years and over)	159 Congenital malformations (still-	1. Down stairs
114 115	Ankylostomiasis	Dirths excepted)	4. From scaffolds
	parasites	1. Malformations of the heart 2	b. From windows
	nver excepted)	2. Others	6. From vehicles
	1. Trematodes	XII Diseases of Early Infancy.	9. Other falls
	kylostoma)	160 Congenital debility, icterus and	quarries
	3. Coccidia	sclerema 0. Marasmus	0. In mines 1. In quarries 187 Accidental traumatism by machines
116	5. Parasites not specified Appendicitis and typhlitis	1. Inanition	187 Accidental traumatism by machines 0. Deaths by machinery
117	Hernia, intestinal obstruction	2. Icterus	0. Deaths by machinery 1. Deaths by elevators 188 Accidental traumatism by other
	0. Hernia 1 1. Intenstinal obstruction 1	4. Others 1 161 Premature birth, or consequence of	Crushing (vehicles, railways,
118	Other diseases of the intestines  0. Diseases of the anus and	labor	landslides, etc.)
	stercoral fistulae		etc
	tines	102 Other diseases beculiar to early in-	2. Run over by other vehicles
119 120	Acute yellow atrophy of the liver  Hydatid tumor of the liver	fancy	3. Run over by electric surface cars
121	Cirrhosis of the liver	2. Umbilical infection	4. Run over by steam railroadcars
400	1. Not returned as alcoholic	3. Umbilical hemorrhage 4. Others	5. Run over by elevated rail-
122 123	Other diseases of the liver 3	103 Lack of care	foad cars
124	Diseases of the pancreas except cancer	XIII.—Old Age.	6. Run over by subway cars 7. Crushed by falling bodies 8. Crushed by derricks, stones,
125	Peritonitis of unstated cause 1	164 Old age (senility)	elc
126	Other diseases of the digestive system (cancer and tuberculosis	XIV.—External Causes.	9. Other causes
	excepted)	165 Suicide by solid or liquid poisons	190 Wounds received in war
VII	Non-Venereal Diseases of the	(corrosive substances excepted)  0. Opium, morphine	erent armies 192a Excessive labor
	Genito-Urinary System and	2. Chloroform (ether)	1920 Starvation (deprivation of food or
400	its Adnexa.	3. Others	water) 193 Excessive cold
	Acute nephritis (including unspeci- fied under 10 years of age)	0. Arsenic (naris green)	194 Excessive heat
128	fied under 10 years of age) Chronic nephritis (including unspecified over 10 years of age 11	Bichloride of mercury     Carbolic acid	196 Other accidental electric shocks 197 Homicide by firearms
129	Chyluria Other diseases of the kidneys and	3. Cyanides (prussic acid) 4. Oxalic acid	198 Homicide by cutting or piercing in-
130	then aunexa (diseases of the	5. Mulatia acid (nydrochioric	199 Homicide by other means
131	kidney in pregnancy excluded) Calculi of the urinary passages 1	acid)	200 infanticide (murder of infants less
132	Diseases of the bladder (except	167 Suicide by poisonous gas  0. Illuminating gas	than 1 year of age)
133	tumors) Diseases of the urethra, urinary	1. Chloroform 2. Coal gas	Dislocations Sprains
	abcess, etc	3. Others	z. Fractures (cause unspeci-
134	1. Others	168 Suicide by hanging or strangulation 169 Suicide by drowning	202 Other external violence
	tumors )	0. Rivers, etc	0. Criminal abortion 1. Explosions
135	genital organs	170 Suicide by firearms	2. Salvarsan injection 3. Other medicaments (injec-
136	the ovary	struments	tion)
137	Salpingitis or pelvic absecss	places from high	203 Violent deaths of which the cause
138 139	Benign tumors of the uterus Non-puerperal uterine hemorrhage.	1/3 Suicide by crushing	is unknown
140 141	Metritis Other diseases of the female genital	175 Poisoning by food	XV.—Ill-Defined Diseases.
	organs	1. Shell fish	204 Sudden death
192	Non-puerperal diseases of the breast (cancer excepted)	2. Pork sansages ·	defined death not specified or ill-
	VIII.—The Puerperal State.	3. Others  176 Poisoning by venomous animals  177 Other acute accidental poisonings	v. in-defined or not specified., 1
143	Accidents of pregnancy	177 Other acute accidental poisonings (gases excepted)	1. No disease; malingering 2. Surgical operation
	0. Abortion	0. Ethyl alcohol 1. Bichloride of mercury	TOTAL 135
-		and the mercury	TOTAL 135

### CONTAGIOUS HOSPITAL REPORT FOR NOVEMBER, 1921

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Whooping Cough	Influenza	Syphillis	Suppurative Conjunctivitis	Meningitis T. B. Scabies	Total
Patients admitted				4					***	2	****				****	4000	****	6
Termination ( Recovery				3				****		1	****		1		****	****		6
Termination ( Death				Z		••••		****	****		****	****	****	****	****		****	2

DEATHS BY AGE	S		
	Total	Males	Females
Under 1 day	3	1	2
1-2 days	1	1	0
2-3 days	0	0	0
3 days-1 week	4	3	1
1-2 weeks	0	0	0
2-3 weeks	1	1	0
3 wks-1 month	0	0	0
1-2 months	3	1	2
2-3 months	1	0	1
3-6 months	2	1	1
6.9 months	4	3	1
9-12 months	4	3	1
1 year	7	5	2
2 years	2	2	0
3 years	0	0	0
4 years	0	0	0
5-9 years	6	3	3
10-14 years	3	2	1
15-19 years	2	1	1
20-24 years	0	0	()
25-29 years	3	1	2
30-34 years	4	1	3
35-39 years	3	1	2
40-44 years	5	3	2
45-49 years	8	5	3
50-54 years	6	2	4
55-59 years	9	4	5
60-64 years1	6	9	7
65-69 years	8	4	4
70-74 years1	3	7	6
75-79 years	8	6	2
80-84 years	5	1	4
85-89 years	2	1	1
90-94 years	2	0	2
95-99 years			
100+			
Unknown			
Total13	5	72	63
10000			00

DEATHS BY WARDS	
1	14
2	15
3	12
4	14
5	3
6	21
7	6
8	21
9	

### HOSPITALS City Hospital .....10 Union Hospital 11 St. Anne's Hospital 3 Bay View Hospital..... 4 Contagious Hospital ...... 3 City Home.....4 STILL BIRTHS Males ...... 2 Females ..... 4 NATIVITY Fall River ...... 58 Massachusetts.....11 Other States ...... 9 Ireland ......10 Canada ......11 England ......18 Germany..... Azores...... 9 Belgium ..... Russia...... 1 Portugal ..... Denmark ..... Australia ..... Sweden ..... Spain..... Turkey ..... 1 Norway.....

CEMETERIES           Oak Grove
North Burial Ground
St. John's       2         St. Mary's (Polish)       1         St. Patrick's       37         Notre Dame       38         Nwoo Hill       2         Agedas Aham       1         Our Lady of Light       1         Read Cemetery       1         Sent away for interment       8         Brought here for interment       22
SEX
Male       72         Female       63
COLOR
White
CONDITION
Married         54           Single         51           Widowed         30           Divorced         0           Unknown         0
There were 115 cases of contagious diseases
Teported for Nov., viz:   Diphtheria

The following is the number of contagious diseases reported in each ward:

1—16 2--7 3—21 4—16 5—6 6—17 7—3 8—7 9—22

Estimating the population at 125,969, 135 deaths would give an annual death rate of 12.86 in 1,000.

This is 1 less than last month and 11 less than the same month in 1920.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

Unknown .....



# MONTHLY BULLETIN

— OF THE —

### BOARD OF HEALTH

CITY OF FALL RIVER

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**JANUARY 1922** 

NUMBER I

### SOME PRELIMINARY FIGURES OF 1921.

During the year just past, 1714 deaths were recorded in the city, a decrease of fifty-seven deaths from 1771, the number for 1920, and nine less than 1723, the number in 1919. This is the lowest number occurring in any one year since 1890. In that year, with a population estimated at 75,000, there were 1656 deaths and the death rate for the twelve months was 22.08 per thousand compared with 13.61, the rate for 1921. Of the deaths during the year, there were 604 of children under five years of age as against 628 for 1920 and 603 for 1919. The number of children who died before reaching the age of one year was 424, a decrease of thirty-seven from the number under one for 1920, which was 461, and sixteen in excess of 408, the number for the year 1919.

It is a source of gratification to note that the number of cases and deaths caused by Pulmonary and Laryngeal forms of Tuberculosis continue to decrease. The number of cases of these forms of the disease reported during 1921 was 213, seventeen less than 230, the number for 1920 and the deaths recorded amounted to 93, a decrease of ten from 103, the total for 1920. Tuberculosis, all other forms, show that there was a reduction of cases, as six less were reported, the number of cases for 1920 and 1921 being 42 and 36, respectively. The deaths, however, showed a slight increase from 21 in 1920 to 24 in 1921.

The figures for Diphtheria, while showing a decrease both in cases reported and deaths recorded still maintain too high a level, the cases and deaths for 1921 being 223 and 23, respectively, as against 280 and 39 for the previous year. The number of deaths was the lowest since 1910, with the exception of 1916, when there were 19 deaths caused by this disease. Scarlet Fever, although showing a decrease, is still above its normal level. There were 118 cases and two deaths from this disease during the past year as against 141 cases and four deaths in 1920. The number of deaths caused by Scarlet Fever in 1916, 1917 and 1919, as well as several years previous, were two, the same as 1921, the only year in which there were less than this number was in 1918, when not a single death was caused by this disease.

Typhoid Fever also shows a decrease, there having occurred forty-nine cases and three deaths less in 1921 than in 1920. The number of cases reported during the year was larger than the figures for 1919, when there were only 68 cases, this number being the lowest for any year since 1908. There were less deaths from this disease in 1921 than there were in any year since the disease was first made reportable in 1885.

Measles which was quite prevalent early in the year, according to the number of cases reported, gradually decreased, until in the last five months, the disease had practically disappeared, only eight cases having been re-

ported in July, two in August, and one each in September and December and none in October and November. Although the number of cases dropped from 507 in 1920 to 391 in 1921, the deaths increased from 19 in 1920 to 28 in 1921. In the month of February alone twelve cases were recorded as having died of Measles. There also were reported nine cases of German Measles during the past year. Lobar Pneumonia, of which there were 168 cases reported, caused 45 deaths during the year as against 210 cases with 54 deaths for the previous year.

Chicken Pox was one of the few reportable diseases which showed an increase of cases over the previous year, 100 cases were reported as against 82 in 1920. There was one death from this disease. Mumps also showed an increased number of cases and with the exception of 1918, there were more cases of this disease reported during the past twelve months than in any year since it was made reportable, the number being 104 as compared with 13 in 1920 and 118 in 1918. The number of cases of Whooping Cough for the past year was 371, which exceeded the number of any year since the disease was made reportable in 1907, and with the exception of 1918, when there were 33 deaths; 30, the number during 1921, was the highest on record shown in our table, which goes back to 1899.

Of the rare diseases, two cases of Anterior Poliomyelitis were reported and there were no deaths. There were five cases of Cerebro Spinal Meningitis reported, three of which resulted fatally, a decrease from the 1920 figures, which were nine and eight respectively. There were two cases and two deaths from Tetanus. There have been three cases of Lethargica Encephalitis, with three deaths since this disease was made reportable.

#### A DEFINITION OF SANITATION AND HYGIENE

"In the battle of life, just as in actual warfare, there are two great forces brought into action—offensive and defensive," says Dr. R. H. Lewis, Wisconsin Health Bulletin, "Sanitation may be compared to the former, and hygiene to the latter. In sanitation we wage an active crusade against the germs of diseases—we burn them with fire, we poison them with antiseptic, we demolish their strongholds of filth, and in every way actively pursue them to their death. In hygiene we strengthen our fortifications and look after the well-being and equipment of the garrison, so that we can resist almost any attack. The human system is supplied with those defensive forces known as the power or resistance, or immunity, and by obedience to the rules of hygiene—of right living—they insure us against many attacks of disease."

# MORTALITY FOR THE MONTH OF DECEMBER, 1921

1	Endemic or Infectious Diseases.
1	Typhoid fever (abdominal typhoid and para-typhoid)
	and para-typhoid)
3	Typhus fever (exanthematous)
4	eri) — occosis (Malta fever) — Melito—cocosis (Malta fever) — Malarial fever or cachexia — 0. Malarial fever — 1. Melerial cachexia
5	0. Malarial fever
6	1. Malarial cachexia
7 8 9	Scarlet fever
10	Smallpox Measles Scarlet fever Whooping cough Diphtheria Influenza Complications
	Complications: 0. Pneumonia
	1. Bronchitis
	3. Nephritis
	5. Gastro intestinal 6. Puerperal
12	7. Others
13 14	Mumps
15	Cholera nostras (choleriform en-
16	Dysentery
	Dysentery  0. Amebic 1. Bacillary 2. Unspecified or due to other causes
17	Plague
	1. Pneumonic
	3. Unspecified
18 19	Yellow fever Icterohemorrhagica spirochetosis. Leprosy
20 21	Erysipelas
22	Acute poliomyelitis Encephalitis lethargica Epidemic cerebro-spinal meningitis.
24 25	Other enidemic diseases
	0. Varicella 1. Rubella 2. Septic Sore Throat
26 27	Purulent or septicemic infection Glanders and farcy
28	Malignant pustule (anthrax) Rabies
30	Tetanus
32	Mycoses Tuberculosis of the respiratory system Tuberculosis of the meninges or of the central nervous system Tuberculosis of the intestines or peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints.  Tuberculosis of other organs and structures
33	Tuberculosis of the meninges or of the central nervous system
34	Tuberculosis of the intestines or peritoneum
35 36	Tuberculosis of the yertebral column Tuberculosis of the joints
37	structures
	Tuberculosis of the skin or subcutaneous cellular tissue     Tuberculosis of the bones
	(except vertebral column). 2. Tuberculosis of the lym-
	phatic system (except the mesenteric and retroper-
	itoneal glands)  Tuberculosis of the genito- urinary system  Tuberculosis of other organs
	urinary system
38	Disseminated tuberculosis  0. Acute (including miliary tuberculosis of the lungs, except that specified as
	cept that specified as
	1. Chronic
39	Syphilis (includes syphilic infection of any organ, tissue or structure of the body)  0. Primary
	of the body) 0. Primary 1. Secondary
	1. Secondary 2. Tertiary 3. Hereditary
40	4. Period not specified
40	Soft chancre (used for morbidity statistics only)  Gonococcal infection except that of
42	the eye or adnexa Gonococcal ophthalmia

ON	OF CAUSES OF DEATH, HELD AT	r
1	I.—General Diseases Not Included	
40	Above.	
43	Cancer or other malignant tumors of the buccal cavity.  O. Cancer of the lip  Cancer of the tongue  Cancer of the mouth  Cancer of the jaw  Cancer or other melignant tumors	
	0. Cancer of the lip	
	2. Cancer of the mouth	
	4. Others Cancer or other malignant tumors	
44	Control of Control International Control	
	of the stomach and liver  O. Cancer of the pharynx  Cancer of the esophagus  Cancer of the stomach.  Cancer of the liver and gall	1
	2. Cancer of the stomach 3. Cancer of the liver and gall	4
45	Cancer or other malignant tumors of the peritoneum, intestines and	
	0. Cancer of the mesentery and	
	peritoneum	
	peritoneum 1. Cancer of the intestines (except rectum) 2. Cancer of the rectum and	1
	2. Cancer of the rectum and	
46	annus 3. Others Cancer or other malignant tumors of the female genital organs 0 Cancer of the ovary and falloplan tubes 1. Cancer of the uterus 2. Cancer of the vagina and vulva 3. Others	
70	of the female genital organs	
	0. Cancer of the ovary and fallopian tubes	
	1. Cancer of the uterus	
	vulva	
47	3. Others Cancer or other malignant tumors	
48	of the breast	
49	Cancer or other malignant tumors of the breast Cancer or other malignant tumors of the skin Cancer or other malignant tumors of other or unspecified organs	
40	of other or unspecified organs	
	1. Cancer of the lung and	
	2. Cancer of the pancreas	
	3. Cancer of the kidneys and	
	4. Cancer of the prostate	
	5. Cancer of the bladder 6. Cancer of the brain	
	7. Cancer of the bones (except	
	3. Cancer of the kidneys and suprarenals 4. Cancer of the prostate 5. Cancer of the bladder 6. Cancer of the brain 7. Cancer of the bones (except jaw) 8. Cancer of the testes 9. Others Benign tumors and tumors not returned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138). 0. Tumor of the brain 1. Tumor of thorax 2. Tumor of abdomen 3. Tumor of bladder 4. Tumor of prostate 5. Tumor of other location Acute febrile articular rheumatism Chronic rheumatism or gout.	
50	Benign tumors and tumors not re-	2
	turned as malignant (except be-	
	the ovary and uterus—136, 138)	
	1. Tumor of thorax	
	3. Tumor of bladder	
	4. Tumor of prostate	
<b>51</b> 52	Acute febrile articular rheumatism	
52	0. Chronic rheumatism	1
53	1. Chronic gout	
54 55	Pellagra Beri-beri	
56	Rickets	
57 58	Diabetes Anemia, Chlorosis	1
		1
59 60	1. Other anemias and chlorosis Diseases of the pituitary gland Diseases of the thyroid gland	-
00	v. Exophthalmic goitre	
	1. Other diseases of the thy- roid gland	
61 62	Diseases of the parathyroid gland Diseases of the thymus	
63	Addison's disease (disease of the adrenals)	
64	Diseases of the spleenLeukemia and Hodgkin's disease	
65	0. Leukemia	
66	1. Hodgkin's disease	2
67		-
	0. Chronic lead poisoning	
68	Chronic poisoning by organic sub-	
69	stances  0. Chronic lead poisoning 1. Others Chronic poisoning by organic substances Other general diseases	
,,	v. Actuosis	
	2. Autointoxications	
	4. Purpura hemorrhagica	
	5. Others	
		_

н	.—Diseases of the Nervous Syst and Organs of Special Sense.	em
70	T 1 11 11 11 11 11 11 11 11 11 11 11 11	
70 71	Encephalitis	
	0. Simple	
	1. Non-epidemic cerebro - spin-	
72	Meningitis  0. Simple 1. Non-epidemic cerebro - spin- al meningitis Progressive locomotor ataxia (tabes	
	dorsalis) Other diseases of the spinal cord.  0. Bulbar paralysis (Duchenne's disease)	
73	Other diseases of the spinal cord	
	ne's disease)	
	1. Paralysis agitans (Parkin-	
	ne's disease)  1. Paralysis agitans (Parkinson's disease)	
	2. Acute ascending spinal paralysis (Landry's disease)	
	O. ALLY CITED	
74	4. Others Cerebral hemorrhage, apoplexy	
/4	0. Cerebral hemorrhage	13
	1 Conchrol thrombosis and and	10
75	Paralysis (without specified cause)  0. Hemiplegia  1. Other forms of paralysis  General paralysis (of the insane).	
10	0. Hemiplegia	
	1. Other forms of paralysis	
76	General paralysis (of the insane)	
77 78	Other forms of mental alienation. Epilepsy Convulsions (non-puerperal) (5 years and over) Infantile convulsions (under five years of age).	
79	Convulsions (non - puerperal) (5	
00	years and over)	
80	vears of age) (under five	
81	Chorea	
	0 Chores	
	1. Hysteria and neuralgia	
82	1. Hysteria and neuralgia 2. Neuritis Softening of the brain Other diseases of the nervous sys-	
83	Other diseases of the nervous sys-	
84	Diseases of the organs of vision and	
01	adnexa except gonococcal intec-	
	tion, No. 42	
	0. Diseases of the eye (except	
	tion, No. 42 0. Diseases of the eye (except tumor) 1. Follicular conjunctivitis 2. Trachoma	
	2. Trachoma	
	3. Tumors of the eye	
	its adnexa	
85	Diseases of the organs of hearing and the mastoid process  0. Diseases of the ear.  1. Diseases of the mastoid process	
	and the mastoid process	
	1. Diseases of the mastoid	1
	process	1
IV	Diseases of the Circulatory Syste	1770
86	Pericarditis Acute endocarditis and myocarditis	
87	O. Acute endocarditis and myocarditis	
	0. Acute endocarditis 1. Acute myocarditis	3
88	Angina pectoris	
89	Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis	
	1. Chronic myocarditis	8
	2. Other chronic diseases of	U
90	the neart	4
91	Atheroma and other diseases of the	
	arteries	5
92	Antheroma and other diseases of the arteries  Embolism and thrombosis (except carehral)	
93	Diseases of the veins (varices.	1
	hemorrhoids, phlebitis, etc.)	
94	Olymphangitis eta	
95	Hemorrhage without determined	
	cause; other diseases of the cir-	
3.7	Embolism and thrombosis (except cerebral)  Diseases of the veins (varices, hemorrholds, phlebitis, etc.)  Diseases of the lymphatic system (lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the circulatory system.	
V.— 96	Discuses of the Respiratory System	m.
	their adnexa	
	0. Diseases of the nasal fossae	
97	their adnexa  0. Diseases of the nasal fossae 1. Others  Diseases of the larynx (except tuberculosis and cancer	
91	tuberculosis and cancer	
98		
	U. Acute	
	5 years of age	1
	s. Not otherwise defined, 5	
99	Broncho pneumonia (including cap-	
	illary bronchitis)	
	U. Broncho pneumonia	10
100	Pneumonia	1
	0. Lobar	5
101	5. Not otherwise defined under 5 years of age. 2. Not otherwise defined, 5 years and over Broncho pneumonia (including cap- illary bronchitis) 0. Broncho pneumonia 1. Capillary bronchitis Pneumonia 0. Lobar 1. Not otherwise specified Pleurisy	1
	Pleurisy  0. Pleurisy  1. Empyema of thoracic cavity	
	1. Empyema of thoracic cavity	

102	Congestion or parenchymatous hem- orrhage of the lung	2. Other accidents of preg-	2. Carbolic acid
103	Gangrene of the lung	nancy	3. Cocaine
104	Asthma	145 Other accidents of childbirth  0. Cesarian section	5. Opium (morphine)
106	Asthma Emphysema of the lung Other diseases of the respiratory	1. Other surgical operations and instrumental delivery.	7. Others 1
	system (tuberculosis excepted) 0. Chronic interstitial pneumo-	2. Others	8. Not specified or unknown 178 Configuration
	nia (including occupational	146 Puerperal septicemia	179 Accidental burns and scalds (con- flagration excepted)
	diseases of the lung)  1. Diseases of the mediasti-	embolism or sudden puerperal	0. Stoves
	num	death	1. Lamps
N/N	Diseases of the Digestive System.	sions	3. Hot fluids
	Diseases of the mouth and adnexa.	tion)	5. Bonfires
	0. Diseases of the teeth and	150 Puerperal diseases of the breast	6. Others 7. Unknown
	1. Other diseases of the buccal	IX.—Diseases of the Skin or Cellular	180 Accidental mechanical suffocation  0. Foreign body in larynx
108	cavity and adnexa  Diseases of the pharynx and tonsils	Tissue.	1. Overlying
	(includes adenoids)	151 Gangrene	2. Others 181 Accidental absorption of irrespir-
	1. Ludwig's angina	153 Phlegmon, acute abscess	able or poisonous gas  0. Illuminating gas
	2. Tonsilitis	154a Tinea and alopecia (morbidity only)	1. Chloroform or ether
109	4. Others	154b Pruritis (morbidity only)	2. Coal gas
	Ulcer of the stomach and duode-	adnexa	4. Sewer gas 5. Other gases
	0. Ulcer of the stomach	XDiseases of the Bones and Organs	6. Unknown
111	1. Ulcer of the duodenum Other diseases of the stomach (can-	of Locomotion.	182 Accidental drowning
111	cer excepted	156 Diseases of the bones (tubercu-	1. Others by firearms
	0. Indigestion	losis excepted)	(wounds of war excepted) 184 Accidental injury by cutting or
	2. Stricture or stenosis of py- lorus	157 Diseases of the joints (tubercu- losis and rheumatism excepted)	piercing instruments
		158 Other diseases of the bones or organs of locomotion	185 Accidental injury by falls 0. Down shafts, hatchways,
112	3. Others Diarrhea and enteritis (under 2 years of age)	XI.—Malformations.	holds of vessels
113	Diarrhea and enteritis (2 years and over)		1. Down stairs
114	Ankylostomiasis	159 Congenital malformations (still- births excepted)	3. From fire-escapes
115	parasites	0. Hydrocephalus	5. From windows 6. From vehicles
	0. Cestodes (hydatids of the liver excepted)	2. Others 1	1. On streets, sidewalks, etc
	1. Trematodes	XII Diseases of Early Infancy.	9. Other falls
	kylostoma)	160 Congenital debility, icterus and	quarries
	3. Coccidia	sclerema 0. Marasmus	1. In quarries
116	5. Parasites not specified Appendicitis and typhlitis	1. Inanition	187 Accidental traumatism by machines 0. Deaths by machinery
117	Hernia, intestinal obstruction	3. Sclerema	1. Deaths by elevators  188 Accidental traumatism by other
	0. Hernia 2	4. Others	crushing (vehicles, railways,
118	Other diseases of the intestines  0. Diseases of the anus and	labor 4	landslides, etc.)
	stercoral fistulae	1. Injury at birth	etc
	1. Other diseases of the intes-	162 Other diseases peculiar to early infancy	2. Run over by other vehicles 3. Run over by electric surface
119 120		0. Asphyxia neonatorum 1 1. Atelectasis 2	cars
121		<ol> <li>Umbilical infection</li> <li>Umbilical hemorrhage</li> </ol>	4. Run over by steam railroad
	1. Not returned as alcoholic 1	4. Others 1	5. Run over by elevated rail- road cars
122	Other diseases of the liver 2	163 Lack of care	<ol> <li>Run over by subway cars</li> <li>Crushed by falling bodies</li> <li>Crushed by derricks, stones,</li> </ol>
124	Diseases of the pancreas except	XIII.—Old Age.	8. Crushed by derricks, stones,
125	Peritonitis of unstated cause	164 Old age (senility)	etc
126	system (cancer and tuberculosis	XIV.—External Causes.	189 Injuries by animals (not poisoning) 190 Wounds received in war
	excepted)	165 Suicide by solid or liquid poisons (corrosive substances excepted)	191 Executions of civilians by bellig-
VII	I.—Non-Venereal Diseases of the	0. Opium, morphine	erent armies 192a Excessive labor
	Genito-Urinary System and	2. Chloroform (ether)	192b Starvation (deprivation of food or water)
107	its Adnexa.  Acute nephritis (including unspeci-	3. Others	water) 193 Excessive cold 194 Excessive heat
	fied under 10 years of age)	0. Arsenic (paris green) 1. Bichloride of mercury	195 Lightning 196 Other accidental electric shocks
128	specified over 10 years of age 10	2. Carbolic acid	197 Homicide by firearms
129	Chyluria Other diseases of the kidneys and	4. Oxalic acid	198 Homicide by cutting or piercing in- struments
100	their adnexa (diseases of the	5. Muriatic acid (hydrochloric acid)	199 Homicide by other means
131	kidney in pregnancy excluded) Calculi of the urinary passages	6. Other corrosive poisons  167 Suicide by poisonous gas	than 1 year of age)
132	Diseases of the bladder (except	0. Illuminating gas	201 Fracture (cause not specified)
133	Diseases of the urethra, urinary	1. Chloroform	Sprains
	abcess, etc	3. Others	fied)
134	1. Others Diseases of the prostate (except	169 Suicide by drowning	0. Criminal abortion
135	tumors ) 1	1. Others	1. Explosions
	genital organs	170 Suicide by firearms	3. Other medicaments (injec-
	the ovary	struments	4. Other external violence
137 138	Salpingitis or pelvic absecss	places	203 Violent deaths of which the cause is unknown
139	Non-puerperal uterine hemorrhage.	173 Suicide by crushing	XVIll-Defined Diseases.
140 141	Other diseases of the female genital	175 Poisoning by food	
142	Non-puerperal diseases of the	1. Shell fish 2. Pork sausages	204 Sudden death
, 76	breast (cancer excepted)	3. Others	defined  0. Ill-defined or not specified
	VIII.—The Puerperal State.	176 Poisoning by venomous animals 177 Other acute accidental poisonings	1. No disease; malingering
143	Accidents of pregnancy  0. Abortion	(gases excepted)	2. Surgical operation
	1. Ectopic gestation	1. Bichloride of mercury	TOTAL 12

### CONTAGIOUS HOSPITAL REPORT FOR DECEMBER, 1921

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Whooping Cough	Influenza	Syphillis	Suppurative Conjunctivitie	Scabies	Total
Patients admitted  Termination   Recovery				7 5	****		****	****	****	7 2	****	****	2 1	***	****	***	***	16 8
1 Death													****					

DEATHS BY AGES		
Total	Males	Females
Under 1 day 5	3	2
1-2 days 0	0	0
2-3 days 3	3	0
3 days-1 week 2	2	0
1-2 weeks 0	0	0
2-3 weeks 1	1	0
3 wks-1 month 1	0	1
1-2 months 1	1	0
2-3 months 1	1	0
3-6 months 6	4	2
6.9 months 1	0	1
9-12 months	2	1
1 year 4	2	2
2 years 0	0	0
3 years 2	1	1
4 years 1	0	1
5-9 years 0	0	0
10-14 years 2	0	2
15-19 years 2	0	2
20-24 years 2	2	0
25-29 years 3	3	0
30-34 years 2	2	9
35-39 years 3	2	1
40-44 years 2	1	1
45-49 years	2	1
50-54 years13	10	3
55-59 years 7	2	5
60-64 years11	7	4
65-69 years	5	10
70-74 years 7	2	5
75-79 years 9	3	6
80-84 years 7	4	3
85-89 years 2	0	2
90-94 years 0	0	0
95-99 years 1	0	1
100+		
Unknown		
Total122	65	57

DEATHS BY WARDS
1
2
39
4
<b>5</b> 9
<b>6</b>
77
8 7
928

HOSPITALS
City Hospital14
Union Hospital
St. Anne's Hospital 6
Bay View Hospital 3
Truesdale Hospital 1
Contagious Hospital
City Home4
STILL BIRTHS
Males 6
Females 7
Unknown
Total13
NATIVITY
Fall River 47
Massachusetts 7
Other States14
Ireland13
Canada
England 9
Scotland 1
Germany
Azores11
Austria
France
Belgium
Russia 1
Portugal
Italy
Poland 1
Denmark
Australia
Sweden
Spain
Greece
Brazil
Syria
Bohemia 1
Norway
Unknown 1

CEMETERIES           Oak Grove         16           North Burial Ground         12           St. John's         5           St. Mary's         2           St. Patrick's         38           Notre Dame         38           Nwoo Hill         2           Agedas Aham         2           Our Lady of Light         1           Read Cemetery         8           Sent away for interment         8           Brought here for interment         26
SEX
Male
COLOR
White121
Colored 1
CONDITION
Married       38         Single       45         Widowed       38         Divorced       1         Unknown       1
There were 188 cases of contagious diseases reported for Dec., viz:         23           Diphtheria         26           Scarlet Fever         16           Typhoid Fever         4           Tuberculosis of Lungs         23           Tuberculosis, other forms         4           Whooping Cough         4
Measles 1
Ophthalmia Neonatorum         18           Suppurative Conjunctivitis         3           Chicken Pox         12           Anterior Poliomyelitis         12           Cerebro-Spinal Meningitis         9           Pneumonia, Lobar         9           Mumps         17           Septic Sore Throat         1           Influenza         1           German Measles         1           Lethargica Encephalitis         1           Dog Bite         3           Tetanus         3

Estimating the population at 125,969, 122 deaths would give an annual death rate of 11.62 in 1,000.

This is 13 less than last month and 24 less than the same month in 1920.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

1-18



# MONTHLY BULL

-OF THE-

# BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS. SAMUEL B. MORRISS, AGENT.

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FEBRUARY 1922

NUMBER II

#### INFLUENZA

According to reports received from other places, and especially from some of the larger cities, influenza has been quite prevalent for some weeks past. Realizing that these reports might cause our people some alarm, tne Department watched developments closely and kept in touch with the State Department of Public Health, the United States Public Health Service and with some of the places affected. Through the information gained in this way, we learned that the type of disease being reported was a mild form and not the dreaded "Flu" or "Spanish Influenza" of 1918. In answer to the many inquiries received at the office, we gave, as our opinion, that there was no need for alarm and that while we could not expect to escape without having some cases occurring, that we felt safe in assuring those who inquired that there would be no serious outbreak of the disease either in the number of cases reported or the type of the disease. While no definite plans were outlined, or steps taken, we secured assurance from so many organizations that they were prepared to cooperate with us, that we felt satisfied that should anything serious develop and the need arise, in a very short time, the organizations which were so effective in 1918, could be assembled and working efficiently. But although we saw no cause for alarm, we did try to impress upon the people of this city that the department, alone, could not prevent the rapid spreading of influenza and such diseases. We advised that persons ill with "common colds" take proper care of themselves and warned against careless coughing, sneezing and spitting.

For a time, it appeared as if we were going to escape without experiencing any, but a few, scattered cases until on February 10th, thirty-four cases were reported. From then, until the end of the month, reports of one hundred and eighty-one cases were recorded, the largest number reported in any one day was the thirty-four on the tenth. During the month, eighteen certificates o death were recorded in which Influenza, La Grippe or Grip was given as either the primary or the contributory cause of death. We are satisfied, however, that many cases in excess of the number reported, were attended by physicians and were not reported as they believed that the form of the disease was so mild that there was no necessity of reporting them and that the number of cases reported is much less than the actual number occurring. This belief is borne out by the fact that in several cases where the contributory cause of death was given as La Grippe, that the case had not been previously reported.

In order that the office might be in close touch with the situation, when the cases were being reported in greater numbers than usual, the physicians reporting were communicated with and in this way, the nature of the cases was learned. In addition, the nurses of the Department were directed to call at the homes of all persons reported where there was no nurse in attend-

ance, with instructions to see that the patients were made as comfortable as possible, and that the instructions of the attending physician were being followed out. By so doing, we learned that the type of the disease we were experiencing was, with few exceptions, similar to what was occurring elsewhere, and that practically all cases could be cared for at home. In one or two instances where all the members of the family were all the where all the members of the family were ill, nurses were engaged and arrangements made to care for them at home, but with these exceptions, the few cases, where home conditions were not satisfactory, were transferred to the Contagious Hospital.

From our observation of conditions in Fall River, we believe that the conclusion reached by the Metropolitan

"What has transpired \*\*\*\*\* has not been a recrudescense of the serious influenza epidemic of three years ago, but is something similar to what happens every winter with the increase of influenza cases and of primary pneumonias. If the number of cases and deaths for this year has been higher than last year, it is chiefly because that for last year was exceptionally low. This from the conclusions reached \*\*\*\*\*\* after a study of 1752 death claims presented within a recent period of four weeks."

#### RULES OF HYGIENE

 Ventilate every room you occupy.
 Wear loose, porous clothing suited to season, weather, and occupation.

3. If you are an indoor worker, be sure to get recreation outdoors.

4. Sleep in fresh air always; in the open if you can.5. Hold a handkerchief before your mouth and nose when you cough or sneeze and insist that others do so

Always wash the hands before eating.

Do not overeat. This applies especially to meats and eggs.

Eat some hard and some bulky foods; some fruits.

Eat slowly—chew thoroughly. Drink sufficient water daily.

Evacuate thoroughly, regularly. Stand, sit, and walk erect.

- Do not allow poisons and infections to enter the body
  - 14.
- Keep the teeth, gums, and tongue clean. Work, play, rest, and sleep in moderation. Keep serene. Worry is the foe of health. Cultivate the companionship of your fellow men.

  17. Avoid self drugging. Beware the plausible humbug

of the patent medicine faker.

18. Have your doctor examine you carefully once a year. Also consult your dentist at regular intervals. —(U. S. P. H. S.)

### MORTALITY FOR THE MONTH OF JANUARY, 1922

INTERNATIONAL LIST OF CAUSES OF DEATH, AS ADOPTED AT THE THIRD INTERNATIONAL CONGRESS FOR THE REVISION OF THE CLASSIFICATION OF CAUSES OF DEATH, HELD AT PARIS, OCTOBER, 1920.

I.	-Endemic or Infectious Diseases.
1	Typhoid fever (abdominal typhoid and para-typhoid)
	and para-typhoid)  0. Typhoid fever 1. Paratyphoid fevers
3	Typhus lever (exanthematous)
4	Melito—coccosis (Malta fever) Malarial fever or cachexia.  0. Malarial fever
5	0. Malarial fever
6	Smallnox
8	Measles Scarlet fever Wheeping cough
10	Scarlet fever Whooping cough Diphtheria Influenza
1.1	Compugations:
	0. Pneumonia
	3. Nephritis
	5. Gastro intestinal
12	Mumps
14 15	Cholera nostras (choleriform en-
16	Dysentery
	1. Bacillary
	Miliary fever Mumps Asiatic cholera Cholera nostras (choleriform enteritis) Dysentery  0. Amebic 1. Bacillary 2. Unspecified or due to other causes
17	Plague
	0. Bubonic 1. Pneumonic 2. Septicemic
18	3. Unspecified
19 20	Yellow fever Icterohemorrhagica spirochetosis. Leprosy Erysipelas Acute pollomyelitis Encephalitis lethargica Epidemic cerebro-spinal meningitis. Other enidemic diseases
21 22	Acute poliomyelitis
23 24	Epidemic cerebro-spinal meningitis.
25	Other epidemic diseases  0. Varicella
	0. Varicella 1. Rubella 2. Septic Sore Throat
26 27	Purulent or septicemic infection Glanders and farcy. Malignant pustule (anthrax) Rabies Tetanus
28	Malignant pustule (anthrax) Rabies
30	Tetanus
32	Tetanus Mycoses Tuberculosis of the respiratory system Tuberculosis of the meninges or of
33	the central nervous system
34	Tuberculosis of the intestines or peritoneum
35 36	peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints Tuberculosis of other organs and
37	structures
	subcutaneous cellular tissue
	(except vertebral column).
	phatic system (except the
	mesenteric and retroper- itoneal glands)  3. Tuberculosis of the genito- urinary system  4. Tuberculosis of other organs Disseminated tuberculosis  0. Acute (including miliary tu-
	urinary system
38	Disseminated tuberculosis
	berculosis of the lungs, ex- cept that specified as
	chronic or pulmonary)  1. Chronic
39	Syphilis (includes syphilic infection
	of any organ, tissue or structure of the body)
	1. Secondary
	2. Tertiary 3. Hereditary 4. Period not specified
40	Soft chancre (used for morbidity
41	statistics only) Gonococcal infection except that of
42	the eye or adnexa

I	I.—General	Disease: Above		Included
43	Cancer or	other mauccal cay cer of th cer of th cer of th cer of the ers other ma omach and	alignant	tumors
	0. Can	cer of th	e lip	
	2. Can	cer of the	e mout	h
	3. Can	cer of th	e jaw.	
44	Cancer or	other ma	alignant	tumors
	of the sto 0. Can	mach and	l liver.	my
	1. Can	cer of th	e esopi	agus
	2. Can 3. Can	cer of the	e stom	ach and gall
45	bla	dder	limpond	tumana
45	Cancer or	eritoneum,	intest	ines and
	rectum .	cer of the	magan	tery and
	per	ritoneum		
	1. Can	ritoneum cer of the ot rectum	intest	nes (ex-
	z. Can	cer or u	te rect	um and
	an:	nus		
46	Cancer or	other ma	lignant	tumors
	0. Can	other made gen cer of the cer of	ne <b>ov</b> a	ans
	fal	lopian tu	bes	
	2. Can	cer of the	e utert he vag	ina and
	vu	lva		
47	Cancer or	other ma	lignant	tumors
48	of the br	east	lignant	tumors
	of the sk	in		
49	3. Other	other ma or unspec	ilignant ified <b>o</b> r	tumors gans
	0. Can	cer of the	larynx	na and
	ı. Can	ura	the lu	
	2. Can	cer of the	pancr	eas
	s. Can	prarenals	······	
	4. Can	cer of the	e prosta e bladd	ate
	6. Can	cer of th	ie brai	n
	7. Can	cer of the	bones	(except
	Cancer or of other of other of other of can l. Can ple 2. Can support of can for can support of can for can fo	cer of th	e teste	s
50	Benign tun	nors and	tumors	not re-
	turned as	maligna	nt (ex	cept be-
	the ovary	and ute	rus—13	6, 138)
	0. Tun	or of the	e brain orax	
	2. Tum	or of ab	domen.	
	3. Tun	or of bia	ostate.	
6.4	5. Tum	or of oth	ner loca	ation
51 52	Chronic rhe	eumatism	or gou	t.,
	0. Chro	onic rheur onic gout	matism	
53	Scurvy			
54 55	Pellagra Beri-beri .			
56	Rickets			
57 58	Diabetes . Anemia, Ch	nlorosis		
	0. Perr 1. Other Diseases of Diseases of	r anemia	emia s and	chlorosis
59	Diseases of	the pitu	itary g	gland
60	Diseases of 0. Exo	the thy phthalmic	roid gla goitre	ind
	1. Othe	er disease	s of t	he thy-
61	1. Other roi Diseases of Diseases of	the para	thyroid	gland
62	Diseases of	the thy	mus	of the
63	Addison's adrenals)	uiscase (	uiscase	
64 65	adrenals) Diseases of Leukemia	the sple	en kin's e	lisease
00	0. Leul	kemia		
66	1. Hod:	gkin's dis (acute or	ease . chroni	c)
67	Chronic po	isoning by	y mine	ral sub-
	0. Chro	nic lead	poison	ing
60	1. Othe	rs	v orce	nic sub-
68	0. Leul 1. Hod, Alcoholism Chronic po stances 0. Chro 1. Othe Chronic po stances Other gene 0. Acid	isoning b	, organ	
69	Other gene 0. Acid	ral diseas osis	es	
	1. Amy	loid dege	neratio	ns
	2. Auto	ointoxicati ophilia .	ons	
	4. Purp	oura hemo	orrhagio	a
	5. Othe	ers		

III.		_
	-Diseases of the Nervous Syste	m
	and Organs of Special Sense.	
70	Encephalitis	
71	Meningitis	- 1
	1. Non-epidemic cerebro - spin-	1
	Meningitis  0. Simple 1. Non-epidemic cerebro - spin- al meningitis  Progressive locomotor ataxia (tabes	
72	dorsalis)	
73	Other diseases of the spinal cord	
	0. Bulbar paralysis (Duchen-	
	dorsalis) Other diseases of the spinal cord.  0. Bulbar paralysis (Duchenne's disease)  1. Paralysis agitans (Parkinson's disease)  2. Acute ascending spinal paralysis (Landry's disease).  3. Myelitis  4. Others	
	son's disease)	
	alysis (Landry's disease)	
	3. Myelitis	
74	4. Others Cerebral hemorrhage, apoplexy	
	v. Cerebrai nemorrnage	9
	1. Cerebral thrombosis and em-	1
75	Paralysis (without specified cause) 0. Hemiplegia 1. Other forms of paralysis General paralysis (of the insane). Other forms of mental alignation	1
	0. Hemiplegia	
76	General paralysis (of the insane)	
77	Other forms of mental alienation	,
78 79	Convulsions (non - nuerperal) (5	1
	years and over)	
80	Other forms of mental alienation. Epilepsy Convulsions (non - puerperal) (5 years and over). Infantile convulsions (under five years of age).	
81	Chorea	
	Chorea  0. Chorea  1. Hysteria and neuralgia 2. Neuritis Softening of the brain Other diseases of the nervous system	
	2. Neuritis	
82 83	Other diseases of the nervous sys-	
84	Diseases of the organs of vision and	
	tion, No. 42	
	0. Diseases of the eye (except	
	1. Follicular conjunctivitis	
	2. Trachoma	
	Diseases of the organs of vision and adnexa except gonococcal infection, No. 42  0. Diseases of the eye (except tumor)  1. Follicular conjunctivitis  2. Trachoma  3. Tumors of the eye  4. Other diseases of the eye or its adnexa  Diseases of the organs of hearing and the mastoid process  0. Diseases of the ear.  1. Diseases of the mastoid process	
85	its adnexa	
60	and the mastoid process	
	0. Diseases of the ear	
	process	
137		
1 V	-Diseases of the Circulatory Syste	m
86	Diseases of the Circulatory Syste	m
86 87	Pericarditis	m 1
	Pericarditis	m 1
86 87 88 89	Pericarditis	1 1 2
88	Pericarditis	1 1 2 6
88	Pericarditis Acute endocarditis and myocarditis  1. Acute endocarditis Angina pectoris Other diseases of the heart Other diseases of the Chronic endocarditis Other myocarditis	1 1 2
88 89	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of	1 1 2 6
88 89 90	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of	1 1 2 6 6
88 89 90 91	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of	1 1 2 6 6
88 89 90	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis	1 1 2 6 6 8
88 89 90 91	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis	1 1 2 6 6 8
88 89 90 91 92	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis	1 1 2 6 6 8
90 91 92 93	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis	1 1 2 6 6 8
90 91 92 93	Pricases of the Circulatory Syste Pericarditis  Acute endocarditis and myocarditis  1. Acute myocarditis  Angina pectoris Other diseases of the heart  0. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of the heart  Aneurism  Atheroma and other diseases of the arteries  Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Use asses of the lymphatic system (lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the cir-	1 1 2 6 6 8
90 91 92 93 94	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Anteroma and other diseases of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system.	1 1 2 6 6 8 6
90 91 92 93 94	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Anteroma and other diseases of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system.	1 1 2 6 6 8 6
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90 91 92 93 94	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis 2. Acute myocarditis 3. Acute myocarditis 4. Acute myocarditis 5. Acute myocarditis 6. Chronic endocarditis 7. Chronic endocarditis 7. Chronic myocarditis 8. Other chronic diseases of the heart 9. Aneurism 9. Atheroma and other diseases of the arteries 9. Embolism and thrombosis (except cerebral) 9. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) 9. Diseases of the lymphatic system (lymphangitis, etc.) 9. Hemorrhage without determined cause; other diseases of the circulatory system 9. Diseases of the Respiratory System 9. Diseases of the nasal fossae and their adnexa 9. Diseases of the nasal fossae	1 1 2 6 6 8 6
90 91 92 93 94	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis 2. Acute myocarditis 3. Acute myocarditis 4. Acute myocarditis 5. Acute myocarditis 6. Chronic endocarditis 7. Chronic endocarditis 7. Chronic myocarditis 8. Other chronic diseases of the heart 9. Aneurism 9. Atheroma and other diseases of the arteries 9. Embolism and thrombosis (except cerebral) 9. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) 9. Diseases of the lymphatic system (lymphangitis, etc.) 9. Hemorrhage without determined cause; other diseases of the circulatory system 9. Diseases of the Respiratory System 9. Diseases of the nasal fossae and their adnexa 9. Diseases of the nasal fossae	1 1 2 6 6 8 6
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90 91 92 93 94 95 V.— 96	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis 2. Acute endocarditis 3. Acute myocarditis 4. Acute myocarditis 4. Acute myocarditis 5. Other diseases of the heart 6. Chronic endocarditis 7. Chronic myocarditis 8. Other chronic diseases of the heart 9. Aneurism 9. Atheroma and other diseases of the arteries 9. Embolism and thrombosis (except cerebral) 9. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) 9. Diseases of the lymphatic system (lymphangitis, etc.) 9. Hemorrhage without determined cause; other diseases of the circulatory system 9. Diseases of the Respiratory System 9. Diseases of the nasal fossae and their adnexa 9. Diseases of the larynx (except tuberculosis and cancer Bronchitis 9. Acute 1. Chronic 2. Not otherwise defined under	1 1 2 6 6 8 6
90 91 92 93 94 95 V.— 96	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis 2. Acute myocarditis 3. Acute myocarditis 4. Acute myocarditis 5. Acute myocarditis 6. Chronic endocarditis 7. Chronic endocarditis 7. Chronic myocarditis 7. Chronic myocarditis 8. Chronic myocarditis 9. Cher chronic diseases of the heart 9. Aneurism 9. Atheroma and other diseases of the arterles 9. Embolism and thrombosis (except cerebral) 9. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) 9. Diseases of the lymphatic system (lymphangitis, etc.) 9. Hemorrhage without determined cause; other diseases of the circulatory system 9. Diseases of the Respiratory System 9. Diseases of the nasal fossae and their adnexa 9. Diseases of the nasal fossae 1. Others 9. Diseases of the larynx (except tuberculosis and cancer 9. Bronchitis 9. Acute 1. Chronic 1. Not otherwise defined under 1. System of age.	1 1 2 6 6 6 8 6
90 91 92 93 94 95 V.— 96	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis 2. Acute myocarditis 3. Acute myocarditis 4. Acute myocarditis 5. Acute myocarditis 6. Chronic endocarditis 7. Chronic endocarditis 7. Chronic myocarditis 7. Chronic myocarditis 8. Chronic myocarditis 9. Cher chronic diseases of the heart 9. Aneurism 9. Atheroma and other diseases of the arterles 9. Embolism and thrombosis (except cerebral) 9. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) 9. Diseases of the lymphatic system (lymphangitis, etc.) 9. Hemorrhage without determined cause; other diseases of the circulatory system 9. Diseases of the Respiratory System 9. Diseases of the nasal fossae and their adnexa 9. Diseases of the nasal fossae 1. Others 9. Diseases of the larynx (except tuberculosis and cancer 9. Bronchitis 9. Acute 1. Chronic 1. Not otherwise defined under 1. System of age.	1 1 2 6 6 6 8 6
90 91 92 93 94 95 V.— 96	Pericarditis Acute endocarditis and myocarditis O. Acute endocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart O. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseases of the arteries Embolism and thrombosis (except cerebral) Diseases of the lymphatic system (lymphangitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system. Diseases of the Respiratory System Diseases of the nasal fossae and their adnexa O. Diseases of the larynx (except tuberculosis and cancer Bronchitis O. Acute 1. Chronic 2. Not otherwise defined under 5 years of age	1 1 2 6 6 6 8 6
88 89 90 91 92 93 94 95 V.— 96	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis 2. Acute myocarditis 3. Acute myocarditis 4. Acute myocarditis 4. Acute myocarditis 5. Acute myocarditis 6. Chronic endocarditis 7. Chronic myocarditis 7. Chronic myocarditis 8. Other chronic diseases of the heart 8. Aneurism 8. Atheroma and other diseases of the arteries 8. Embolism and thrombosis (except cerebral) 9. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) 9. Diseases of the lymphatic system (lymphangitis, etc.) 9. Diseases of the diseases of the circulatory system 9. Diseases of the Respiratory System 9. Diseases of the Respiratory System 9. Diseases of the nasal fossae and their adnexa 8. Diseases of the larynx (except tuberculosis and cancer 9. Bronchitis 9. Acute 1. Chronic 2. Not otherwise defined under 5 years of age 9. Wears and over 9. Broncho pneumonia (including cap- 10 litery bronchitis)	1 1 2 6 6 6 8 6
90 91 92 93 94 95 V.—96 97 98	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis 2. Acute myocarditis 3. Acute myocarditis 4. Acute myocarditis 5. Acute myocarditis 6. Chronic endocarditis 7. Chronic myocarditis 7. Chronic myocarditis 8. Chronic myocarditis 9. Other chronic diseases of the heart 1. Chronic myocarditis 1. Capillary bronchitis 1. Capillary bronchitis	1 1 2 6 6 6 8 6
88 89 90 91 92 93 94 95 V.— 96	Pericarditis Acute endocarditis and myocarditis O. Acute endocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart O. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseases of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system.  Diseases of the Respiratory System Diseases of the nasal fossae and their adnexa O. Diseases of the nasal fossae and their adnexa 1. Others Diseases of the larynx (except tuberculosis and cancer Bronchitis O. Acute 1. Chronic 2. Not otherwise defined under 5 years of age. 3. Not otherwise defined, 5 years and over Broncho pneumonia (including capillary bronchitis) O. Broncho pneumonia 1. Capillary bronchitis	1 1 2 6 6 8 6
88 89 90 91 92 93 94 95 V.— 96 97 98	Pricases of the Circulatory Syste Pericarditis  Acute endocarditis and myocarditis  1. Acute myocarditis  2. Other diseases of the heart  3. Chronic endocarditis  4. Chronic endocarditis  5. Chronic myocarditis  6. Chronic endocarditis  7. Chronic myocarditis  8. Chronic myocarditis  9. Other chronic diseases of the heart  Atheroma and other diseases of the arteries  8. Embolism and thrombosis (except cerebral)  1. Diseases of the veins (varices, hemorrholds, phlebitis, etc.)  1. Diseases of the lymphatic system (lymphangitis, etc.)  1. Hemorrhage without determined cause; other diseases of the circulatory system.  1. Diseases of the Respiratory System  1. Diseases of the nasal fossae and their adnexa  1. Others  1. Others  1. Others  1. Chronic  2. Not otherwise defined under  5 years of age.  3. Not otherwise defined, 5 years and over  Broncho pneumonia  1. Capillary bronchitis  Pneumonia  0. Lobar  1. Not otherwise specified	1 1 2 6 6 8 6
90 91 92 93 94 95 V.—96 97 98	Pericarditis Acute endocarditis and myocarditis O. Acute endocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart O. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseases of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system.  Diseases of the Respiratory System Diseases of the nasal fossae and their adnexa O. Diseases of the nasal fossae and their adnexa 1. Others Diseases of the larynx (except tuberculosis and cancer Bronchitis O. Acute 1. Chronic 2. Not otherwise defined under 5 years of age. 3. Not otherwise defined, 5 years and over Broncho pneumonia (including capillary bronchitis) O. Broncho pneumonia 1. Capillary bronchitis	1 1 2 6 6 8 6

-				
102	Congestion or parenchymatous hem-	2. Other accidents of preg-		2. Carbolic acid
103	Gangrene of the lung	nancy		4. Lysol
104 105	Asthma	145 Other accidents of childbirth  0. Cesarian section	1	5. Opium (morphine) 6. Wood alcohol
106	Other diseases of the respiratory	1. Other surgical operations		7. Others
	system (tuberculosis excepted) 0. Chronic interstitial pneumo-	and instrumental delivery 2. Others	178	8. Not specified or unknown Conflagration
	nia (including occupational diseases of the lung)	146 Puerperal septicemia	179	Accidental burns and scalds (conflagration excepted)
	1. Diseases of the mediasti-	embolism or sudden puerperal		0. Stoves 1
	num	death		1. Lamps 2. Steam
νı_	Diseases of the Digestive System.	sions		3. Hot fluids 1
	Diseases of the mouth and adnexa.	tion)		5. Bonfires
101	0. Diseases of the teeth and	150 Puerperal diseases of the breast		6. Others
	1. Other diseases of the buccal	IX.—Diseases of the Skin or Cellular	180	7. Unknown
108	cavity and adnexa  Diseases of the pharynx and tonsils	Tissue.		1. Overlying
100	(includes adenoids)	151 Gangrene	181	2. Others Accidental absorption of irrespir-
	0. Streptoccic sore throat 1. Ludwig's angina	152 Boil, carbuncle, furuncle		able or poisonous gas
	2. Tonsilitis	154a Tinea and alopecia (morbidity only)		0. Illuminating gas
400	4. Others	154b Pruritis (morbidity only)		2. Coal gas
109 110	Diseases of the esophagus Ulcer of the stomach and duode-	155 Other diseases of the skin and its adnexa		4. Sewer gas
	num 0. Ulcer of the stomach	X.—Diseases of the Bones and Organs		6. Unknown
	1. Ulcer of the duodenum		182	O. Rivers, ponds, etc.
111	Other diseases of the stomach (can- cer excepted	of Locomotion.	400	1 Others
	0. Indigestion 1	156 Diseases of the bones (tubercu- losis excepted)	183	Accidental injury by firearms (wounds of war excepted)
	1. Gastritis	1 157 Diseases of the Joints (tubercu-	184	niercing instruments
	lorus 1	losis and rheumatism excepted)  158 Other diseases of the bones or or-	185	Accidental injury by falls
112	3. Others Diarrhea and enteritis (under 2	gans of locomotion		0. Down shafts, hatchways, holds of vessels
113	Diarrhea and enteritis (2 years and	XI.—Malformations.		1. Down stairs 1
114	over)	159 Congenital malformations (still-		2. From buildings
	Diseases due to other intestinal	births excepted)		4. From scaffolds
	parasites	1. Malformations of the heart 3 2. Others		6. From vehicles
	liver excepted)			9. Other falls
	2. Nematodes (other than an-	XII.—Diseases of Early Infancy.	186	Accidental traumatism in mines and quarries
	kylostoma)	160 Congenital debility, icterus and sclerema		0. In mines
	4. Other parasites 5. Parasites not specified	0. Marasmus 1 1. Inanition	187	1. In quarries Accidental traumatism by machines
	Appendicitis and typhlitis 4	2. lcterus 1		0. Deaths by machinery 1. Deaths by elevators
117	Hernia, intestinal obstruction	3. Sclerema 1	188	Accidental traumatism by other
440	0. Hernia 1. Intenstinal obstruction	161 Premature birth, or consequence of		crushing (vehicles, railways, landslides, etc.)
118	Other diseases of the intestines  0. Diseases of the anus and	labor 3	1	0. Run over by wagons, trucks, etc.
	stercoral fistulae	1. Injury at birth	1	1. Run over by automobiles
440	tines	fancy		<ol> <li>Run over by other vehicles</li> <li>Run over by electric surface</li> </ol>
120	Acute yellow atrophy of the liver	0. Asphyxia neonatorum 1. Atelectasis	1	4. Run over by steam railroad
121	Cirrhosis of the liver	2. Umbilical infection	1	cars
400	1. Not returned as alcoholic	4. Others 2		5. Run over by elevated rail- road cars
123	Other diseases of the liver 1	163 Lack of care		6. Run over by subway cars 7. Crushed by falling bodies
124	Diseases of the pancreas except cancer	XIII.—Old Age.		8. Crushed by derricks, stones,
125	Peritonitis of unstated cause	164 Old age (senility)		etc
126	Other diseases of the digestive system (cancer and tuberculosis	XIV.—External Causes.	190	Injuries by animals (not poisoning)
	excepted)	165 Suicide by solid or liquid poisons (corrosive substances excepted)	191	Executions of civilians by bellig-
VII	Non-Venereal Diseases of the	0. Opium, morphine	192	erent armiesa Excessive labor
	Genito-Urinary System and	1. Strychnine	192	b Starvation (deprivation of food or water)
	its Adnexa.	3. Others	193	Excessive cold
	Acute nephritis (including unspecified under 10 years of age) 1	0. Arsenic (paris green)	194 195	Lightning
128	Chronic nephritis (including un-	1. Bichloride of mercury 2. Carbolic acid	196 197	Other accidental electric shocks
129	specified over 10 years of age 10 Chyluria Other diseases of the kidneys and	3. Cyanides (prussic acid) 4. Oxalic acid	198	Homicide by cutting or piercing in-
130	Other diseases of the kidneys and their adnexa (diseases of the	5. Muriatic acid (hydrochloric	199	
404	kidney in pregnancy excluded)	acid)	200	
131	Calculi of the urinary passages Diseases of the bladder (except	167 Suicide by poisonous gas  0. Illuminating gas	201	Fracture (cause not specified)
	tumors)	1. Chloroform		Dislocations
100	abcess, etc	2. Coal gas		2. Fractures (cause unspeci-
	0. Stricture of the urethra 1. Others	1 168 Suicide by hanging or strangulation	202	fled) Other external violence
134	Diseases of the prostate (except tumors)	0. Rivers, etc		0. Criminal abortion
135	Non-venereal diseases of the male	1. Others		1. Explosions
136		171 Suicide by cutting or piercing instruments		3. Other medicaments (injection)
137	the ovary	172 Suicide by jumping from high	203	Violent deaths of which the cause
138	Benign tumors of the uterus 1	173 Suicide by crushing		is unknown
139 140	Non-puerperal uterine hemorrhage. Metritis	174 Other suicides		XV Ill-Defined Diseases.
141	Other diseases of the female genital	0. Mushrooms	204	
142	Non-puerperal diseases of the	1. Shell fish		Cause of death not specified or ill-
	breast (cancer excepted)	3. Others		defined
	VIII.—The Puerperal State.	176 Poisoning by venomous animals 177 Other acute accidental poisonings		1. No disease; malingering 2. Surgical operation
143	Accidents of pregnancy  0. Abortion	(gases excepted)		
	1. Ectopic gestation	1. Bichloride of mercury		TOTAL 154

### CONTAGIOUS HOSPITAL REPORT FOR JANUARY, 1922

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox Septic Sore Throat	Malaria	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Whooping Cough	Influenza	Syphillis	Scarlet Fever and Diphtherta Meningitis T. B. Scabies	Total
Patients admitted  Termination { Recovery   Death									5 7 	****	****	2 3 	9 4 4	****	1	17 14 5

#### DEATHS BY AGES

DEATHS BY AGE	0		
	Total	Males	Females
Under 1 day	4	4	0
1-2 days	0	0	0
2-3 days	1	1	0
3 days-1week	3	2	1
1-2 weeks	2	2	0
2-3 weeks	1	0	1
3 wks-1 month	0	0	0
1-2 months	5	4	1
2-3 months	4	3	1
3-6 months	10	6	4
6-9 months	5	2	3
9-12 months	2	1	1
1 year	5	4	1
2 years	8	4	4
3 years	2	1	1
4 years	2	0	2
5-9 years	3	3	0
10-14 years	1	0	1
15-19 years	2	0	2
20-24 years	1	()	1
25-29 years	3	2	1
30-34 years	5	4	1
35-39 years	3	1	2
40-44 years	5	2	3
45-49 years	8	4	4
50-54 years	4	1	3
55-59 years	5	3	2
60-64 years 1	2	7	5
65-69 years 1	8	10	8
70-74 years1	1	7	4
75-79 years 1	4	5	9
80-84 years	2	1	1
85-89 years	3	3	0
90-94 years	0	0	0
95-99 years	0	0	0
100+			
Unknown			
Total15	4	87	67

#### DEATHS BY WARDS

1	20
2	19
3	11
4	
5	9
6	
7	2
8	
9	16

#### HOSPITALS

City Hospital12	
Union Hospital 6	
St. Anne's Hospital	
Bay View Hospital 1	
Truesdale Hospital2	
Contagious Hospital 6	
City Home4	

#### STILL BIRTHS

Males	9
Females	5
Unknown	
Total 1	4

NATIVITY	
Fall River	64
Massachusetts	. 9
Other States	.11
Ireland	.15
Canada	.22
England	16
Scotland	
Germany	. 1
Azores	. 7
Austria	
France	
Belgium	
Russia	. 1
Portugal	. 1
Italy	
Poland	1
Denmark	
Australia	
Sweden	
Spain	
Greece	
Brazil	1
Syria	3
Bohemia	
Norway	
** 1	

#### CEMETERIES

CEMETERIES	
Oak Grove         29           North Burial Ground         9           St. John's         3           St. Mary's         37           St. Patrick's         37           Notre Dame         57           Nwoo Hill         4           Agedas Aham         1           Our Lady of Light         4           Read Cemetery         35           Sent away for interment         14           Brought here for interment         35	
CEV	
SEX .	
Male	
Female67	
COLOB	
COLOR	
White	
Colored 1	
CONDITION           Married         38           Single         74           Widowed         41           Divorced         1           Unknown         1	
There were 146 cases of contagious diseases reported for Jan., viz:	
Diphtheria34	
Scarlet Fever17	
Typhoid Fever 1	
Tuberculosis of Lungs	
Tuberculosis, other forms	
Whooping Cough 8	
Measles 2	
Ophthalmia Neonatorum	
Chicken Pox	
Anterior Poliomyelitis	
Cerebro-Spinal Meningitis	
Pneumonia, Lobar	
Mumps20	
Septic Sore Throat	
Influenza 5	

The following is the number of contagious diseases reported in each ward:

Influenza... German Measles...

Tetanus .....

Lethargica Encephalitis .....

Dog Bite..... Gonorrhoea .....

1-23 4-18 5-23 6-23 9 - 10

Estimating the population at 125,969, 154 deaths would give an annual death rate of 14.67 in 1,000 This is 32 more than last month and 23 less than the same month in 1921.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.



# MONTHLY BULLETIN

OF THE

# BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS.

SAMUEL B. MORRISS, AGENT.

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HEALTH DEPARTMENT OF LEASE EXCHANGE.

VOLUME IX

**MARCH 1922** 

NUMBER III

### **FUMIGATION**

After having had the matter under consideration for some time, and viewing the question from every angle, the Board of Health has voted to discontinue the routine terminal fumigation of homes after the death or recovery of patients infected with contagious diseases. We feel sure that this new procedure will not only be as effective as the method of disinfection formerly practiced, but, in addition, it will have and educational value in teaching the virtues of sunlight and fresh air, the natural disinfecting agent, and cleanliness, to many of our people.

The following are the rules adopted:

Funigation with formaldehyde gas will not be performed unless as a supplementary measure at the request of the family and then only after the following methods of disinfecting, in the order named, which are required by these rules, have been fully complied with by the family, under the direction of the Inspector of Contagious Diseases to the satisfaction of the Agent of the Board.

Methods of disinfecting required by the Board of Health, in all cases of tuberculosis, scarlet fever, diphtheria, smallpox, anterior poliomyelitis, cerebro-spinal meningitis, and in any other diseases in which it may be deemed necessary. First: rugs, carpets, blankets, pillows, mattresses and unwashable wearing apparel or fabrics must be removed outdoors, beaten, and exposed to air and sunlight. Second: walls, ceilings, the bed, chairs, tables, and other furniture must be carefully wiped over with a dry cloth which must afterwards be washed or burned. Third: all sheets, pillow cases and other washable bed clothes and wearing apparel and fabrics must be laundered. Fourth: all floors and woodwork must be scrubbed or washed with soap and water, after which the windows shall be opened and the rooms thoroughly ventilated.

In case of smallpox, anterior poliomyelitis, or cerebrospinal meningitis, mattresses or other unwashable bedclothes or wearing apparel may be required to be steam sterilized, if they are worth the expense, otherwise they will be carted away and burned. The Board of Health will have the steam sterilization or destruction of these articles done; but the family will be required to pay the expense unless unable to

do so without causing distress. In such case, no charge will be made, and the articles destroyed will be replaced by the Board of Health.

These rules go into effect February 1st, 1922, and will have to be complied with before children, (occupants of the house), who have been excluded from school because of the disease are given permits to return to school."

### **INFLUENZA**

The conditions, noted in last month's bulletin, in reference to Influenza, continued for the greater part of the current month, or until about the twentieth, to which date, fifty-seven cases of this disease had been reported, but since then, we have had only a few scattered cases. During the month, eighteen deaths were recorded. For the two months past, February and March, there were 238 cases reported, 38 of which resulted fatally and of the fatal cases, 33 had pneumonia complications.

### NURSING SERVICE

On February 8th, Mrs. Mabel C. Gage, R. N., a graduate of the Training School of the Municipal Hospitals, was provisionally appointed, under Civil Service Rules, to the position of District and School Nurse. This appointment increases our nursing force to five, and as Mrs. Gage has been assigned to School work, we now have four nurses devoting the greater part of their time to this branch of work. Because of this increase in our nursing force, we will be able to cut down the size of the districts covered by our nurses and re-arrange their duties so that much more follow-up work can be accomplished. Our present system of performing this work will be improved and more parents interviewed and advised as to the necessity of securing necessary dental, medical or surgical treatment. In all cases, the first advice being to secure the services of the family physician and if the family is unable to pay for treatment, the case will be referred to the proper clinic.

# MORTALITY FOR THE MONTH OF FEBRUARY, 1922

	Endemic or Infectious Diseases.
1	Typhoid fever (abdominal typhoid and para-typhoid)
	and para-typhoid)
2	Typhus lever (exanthematous)
4	eri)
5	Malarial fever or cachexia
	1. Malarial cachexia Smallpox
6 7	Measles
8 9	Measles Scarlet fever Whooping cough Diphtheria
10 11	Diphtheria
	Complications: 0. Pneumonia
	1. Bronchitis
	3. Nephritis
	4. Meningitis
	6. Puerperal
12	Miliary fever
13 14	Asiatic cholera
15	Cholera nostras (choleriform en- teritis)
16	Dysentery
	1. Bacillary
	Mumps Asiatic cholera Cholera nostras (choleriform enteritis) Dysentery 0. Amebic 1. Bacillary 2. Unspecified or due to other causes
17	Plague
	1. Pneumonic
	Plague  0. Bubonic  1. Pneumonic  2. Septicemio  3. Unspecified
18 19	Yellow fever
20	Icterohemorrhagica spirochetosis Leprosy
21 22	Erysipelas
23	Erysipelas Acute pollomyelitis Encephalitis lethargica Epidemic cerebro-spinal meningitis.
25	Other epidemic diseases
	Other epidemic diseases  0. Varicella  1. Rubella  2. Septic Sore Throat
26	Purulent or septicemic infection
27 28	Purulent or septicemic infection Glanders and farcy. Malignant pustule (anthrax) Rables
29	Rables
31	Mycoses
32	tem
33	Tuberculosis of the meninges or of the central nervous system 2
34	Tuberculosis of the respiratory system
35	Tuberculosis of the vertebral column
36 37	Tuberculosis of the joints  Tuberculosis of other organs and
	o. Tuberculosis of the skin or
	subcutaneous cellular tissue 1. Tuberculosis of the bones
	(except vertebral column)
	2. Tuberculosis of the lym- phatic system (except the
	mesenteric and retroper- itoneal glands)
	3. Tuberculosis of the genito-
• 0	4. Tuberculosis of other organs Disseminated tuberculosis  O. Acute (including miliary tuberculosis of the lungs of
38	0. Acute (including miliary tu-
	berculosis of the lungs, ex- cept that specified as
	chronic or pulmonary)
39	Syphilis (includes syphilic infection
	Syphilis (includes syphilic infection of any organ, tissue or structure of the body)  0. Primary
	0. Primary
	1. Secondary 2. Tertiary
	1. Secondary 2. Tertlary 3. Hereditary 4. Period not specified
40	SOIL CHANCLE LUSED for morbidity
41	statistics only)
42	the eye or adnexa

I	I.—General Diseases Not Included Above.	
43	Cancer or other malignant tumors	
	Cancer or other malignant tumors of the buccal cavity.  0. Cancer of the llp	
	1. Cancer of the tongue	1
	2. Cancer of the mouth	
	3. Cancer of the jaw	1
44	Cancer or other malignant tumors	
	of the stomach and liver	
	1. Cancer of the esophagus	
	2. Cancer of the stomach	1
	bladder	1
45	Cancer or other malignant tumors	
	of the peritoneum, intestines and rectum	
	0. Cancer of the mesentery and	
	peritoneum	
	cept rectum)	
	2. Cancer of the rectum and annus	
	3. Otners	
46	Cancer or other malignant tumors	
	0. Cancer of the ovary and	
	fallopian tubes	1
	2. Cancer of the vagina and	1
	vulva	
47	Cancer or other malignant tumors	
40	of the breast	1
48	Cancer or other malignant tumors of the breast	
49	Cancer or other malignant tumors	
	of other or unspecified organs  O Cancer of the larvny	
	1. Cancer of the lung and	
	pleura	
	3. Cancer of the kidneys and	
	suprarenals	
	5. Cancer of the bladder	
	6. Cancer of the brain	1
	iaw)	
	Cancer or other malignant tumors of other or unspecified organs  0. Cancer of the larynx  1. Cancer of the lung and pleura  2. Cancer of the pancreas  3. Cancer of the kidneys and suprarenals  4. Cancer of the brain  7. Cancer of the bladder  8. Cancer of the brain  7. Cancer of the bones (except jaw)  8. Cancer of the testes  9. Others  Benign tumors and tumors not returned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138).  0. Tumor of the brain  1. Tumor of thorax  2. Tumor of abdomen  3. Tumor of bladder  4. Tumor of prostate  5. Tumor of other location.  Acute febrile articular rheumatism Chronic rheumatism or gout  1. Chronic reumatism  1. Chronic gout	
50	Benign tumors and tumors not re-	
	turned as malignant (except be-	
	the overv and uterus—136, 138).	
	0. Tumor of the brain	
	1. Tumor of thorax	
	3. Tumor of bladder	
	4. Tumor of prostate	1
51	Acute febrile articular rheumatism	
52	Chronic rheumatism or gout  0. Chronic rheumatism	
53	Scurvy	
54 55	PellagraBeri-beri	
56	Rickets	3
57 58	Anemia, Chlorosis	3
	0 Parnicious anamia	1
59	1. Other anemias and chlorosis Diseases of the pituitary gland Diseases of the thyroid gland	1
60	Diseases of the thyroid gland	
	0. Exophthalmic goitre 1. Other diseases of the thy-	1
61	Diseases of the parathyroid gland. Diseases of the thymus	
62 63	Addison's disease (disease of the	
	adrenals)	
64 65	Leukemia and Hodgkin's disease	
	0. Leukemia	
66	0. Leukemia	1
67	Chronic poisoning by mineral sub-	1
	stances	
	stances 0. Chronic lead poisoning 1. Others Chronic poisoning by organic sub-	
68	Chronic poisoning by organic sub-	
69	Other general diseases	
	U. ACIGOSIS	
	2. Autointoxications	
	3. Hemophilia	
	4. Purpura hemorrhagica 5. Others	

Ш	.—Diseases of the Nervous Syst and Organs of Special Sense.	em
70 71	Enganhalitia	
71	Meningitis  0. Simple 1. Non-epidemic cerebro - spin- al meningitis  Progressive locomotor ataxia (tabes dorsalis)	
72	al meningitis	
73	dorsalis) Other diseases of the spinal cord	
	Progressive locomotor ataxia (tabes dorsalis) Other diseases of the spinal cord.  0. Bulbar paralysis (Duchenne's disease) 1. Paralysis agitans (Parkinson's disease) 2. Acute ascending spinal paralysis (Landry's disease). 3. Myelitis 4. Others Cerebral hemorrhage, apoplexy. 0. Cerebral hemorrhage	
	son's disease)	1
	alysis (Landry's disease) 3. Myelitis	
74	Cerebral hemorrhage, apoplexy  0. Cerebral hemorrhage	1
	1 Conchaol than make and and	8
75	Paralysis (without specified cause) 0. Hemiplegia 1. Other forms of paralysis. General paralysis (of the insane). Other forms of mental alteration.	
76	General paralysis (of the insane)	1
77 78 79	Other forms of mental alienation.  Epilepsy  Conversions (non purpose)	1
80	Other forms of mental alienation. Epilepsy Convulsions (non-puerperal) (5 years and over) Infantile convulsions (under five years of age). Chorea	
81	years of age)	
	0. Chorea	
82	2. Neuritis	
83	Other diseases of the nervous system  Diseases of the organs of vision and	
0*7	adnexa except gonococcal infec- tion, No. 42	
	0. Diseases of the eye (except tumor)	
	1. Follicular conjunctivitis 2. Trachoma	
	4. Other diseases of the eye or	
85	Diseases of the organs of hearing and the mastoid process	
	adnexa except gonococcal infec- tion, No. 42  0. Diseases of the eye (except tumor)  1. Follicular conjunctivitis 2. Trachoma 3. Tumors of the eye 4. Other diseases of the eye or its adnexa  Diseases of the organs of hearing and the mastoid process 0. Diseases of the ear 1. Diseases of the mastoid process	
IV	-Diseases of the Circulatory Syste	200
86 <b>87</b>	Diseases of the Circulatory System Pericarditis Acute endocarditis and myocarditis O. Acute endocarditis	3
8 <b>8</b> 89	O. Acute endocarditis  1. Acute myocarditis  1. Acute myocarditis  Other diseases of the heart  O. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of	
00	0. Chronic endocarditis	11
	the heart	6
90 91	Atheroma and other diseases of the	
92	arteries Embolism and thrombosis (except cerebral)	4
93		•
94	Diseases of the lymphatic system (lymphangitis, etc.)	
95	hemorrholds, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system.	
V.—	Diseases of the Respiratory System Diseases of the nasal fossae and	m.
96	Discourage of the	
97	1. Others	
98		
	0. Acute 1. Chronic 2. Not otherwise defined under	2 2
	b years of age	4
99	years and over	1
	v. Broncho pheumonia	29
100	Pneumonia	1
101	1. Not otherwise specified	4
	0. Pleurisy 1. Empyema of thoracic cavity	

102 Congestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolic acid
orrhage of the lung	nancy	3. Cocaine
104 Asthma	1 145 Other accidents of childbirth	4. Lysol
105 Emphysema of the lung	0. Cesarian section	6. Wood alcohol 7. Others
system (tuberculosis excepted)	and instrumental delivery	8. Not specified or unknown
0. Chronic interstitial pneumo- nia (including occupational	2. Others	178 Conflagration
diseases of the lung)	147 Phlegmasia alba dolens, puerperal	nagration excepted)
1. Diseases of the mediasti-	embolism or sudden puerperal death	0. Stoves 1. Lamps
2. Others	148 Puerperal albuminuria or convulsions	2. Steam
VI.—Diseases of the Digestive System	149 Childbirth (without other explana-	4. Matches
107 Diseases of the mouth and adnexa.	tion)	5. Bonfires 6. Others
0. Diseases of the teeth and gums		7. Unknown
1. Other diseases of the buccal cavity and adnexa	IX.—Diseases of the Skin or Cellular	180 Accidental mechanical suffocation 0. Foreign body in larynx
108 Diseases of the pharynx and tonsils	Tissue.	1. Overlying
(includes adenoids)	151 Gangrene	2. Others
1. Ludwig's angina	153 Phlegmon, acute abscess	able or poisonous gas
2. Tonsilitis	154a Tinea and alopecia (morbidity only)	. 0. Illuminating gas
4. Others	154b Pruritis (morbidity only)	2. Coal gas
109 Diseases of the esophagus 110 Ulcer of the stomach and duode-	155 Other diseases of the skin and its adnexa	4. Sewer gas
num 0. Ulcer of the stomach		5. Other gases 6. Unknown
1. Ulcer of the duodenum	X.—Diseases of the Bones and Organs	182 Accidental drowning
111 Other diseases of the stomach (can-	of Locomotion.	0. Rivers, ponds, etc
cer excepted	156 Diseases of the bones (tubercu-	1 183 Accidental injury by firearms
1. Gastritis	losis excepted)	(wounds of war excepted)  184 Accidental injury by cutting or
lorus	losis and rheumatism excepted)	piercing instruments
3. Others	158 Other diseases of the bones or organs of locomotion	185 Accidental injury by falls 0. Down shafts, hatchways,
years of age)	XI.—Malformations.	holds of vessels
113 Diarrhea and enteritis (2 years and over)		1. Down stairs
114 Ankylostomiasis	159 Congenital malformations (still-births excepted)	3. From fire-escapes
115 Diseases due to other intestinal parasites	0. Hydrocephalus	5. From windows
0. Cestodes (hydatids of the	1. Malformations of the heart 3 2. Others	6. From vehicles
liver excepted)	XII.—Diseases of Early Infancy.	9. Other falls
2. Nematodes (other than an-		186 Accidental traumatism in mines and quarries
kylostoma)	160 Congenital debility, icterus and sclerema	0. In mines
4. Other parasites 5. Parasites not specified	0. Marasmus	1. In quarries
116 Appendicitis and typhlitis	1. Inanition	0. Deaths by machinery
117 Hernia, intestinal obstruction	3. Sclerema	1. Deaths by elevators  188 Accidental traumatism by other
0. Hernia 1. Intenstinal obstruction		crushing (vehicles, railways,
118 Other diseases of the intestines  0. Diseases of the anus and	labor 5	landslides, etc.)
stercoral fistulae	1. Injury at birth	etc
1. Other diseases of the intestines	162 Other diseases peculiar to early infancy	2. Run over by other vehicles
119 Acute yellow atrophy of the liver	0. Asphyxia neonatorum	3. Run over by electric surface cars
121 Cirrhosis of the liver	1. Atelectasis	4. Run over by steam railroad
0. Returned as alcoholic 1. Not returned as alcoholic	3. Umbilical hemorrhage 1	5. Run over by elevated rail-
122 Biliary calculi	4. Others 1 163 Lack of care	road cars
123 Other diseases of the liver	XIII.—Old Age.	6. Run over by subway cars 7. Crushed by falling bodies
cancer	164 Old age (senility)	8. Crushed by derricks, stones, etc.
125 Peritonitis of unstated cause 126 Other diseases of the digestive		9. Other causes
system (cancer and tuberculosis	XIV.—External Causes.	189 Injuries by animals (not poisoning) 190 Wounds received in war
excepted)	165 Suicide by solid or liquid poisons (corrosive substances excepted)	191 Executions of civilians by bellig-
VII.—Non-Venereal Diseases of the	0. Opium, morphine	erent armies 192a Excessive labor
Genito-Urinary System and	1. Strychnine	192b Starvation (deprivation of food or water)
its Adnexa.	3. Others	193 Excessive cold
127 Acute nephritis (including unspecified under 10 years of age)	0 Arsenic (naris green)	1 194 Excessive heat
128 Chronic nephritis (including un-	2. Carbolic acid	196 Other accidental electric shocks
specified over 10 years of age	3. Cvanides (prussic acid)	197 Homicide by firearms
129 Chyluria	4. Oxalic acid	struments
kidney in pregnancy excluded)	acid)	200 Infanticide (murder of infants less than 1 year of age)
131 Calculi of the urinary passages 132 Diseases of the bladder (except	167 Suicide by poisonous gas	than 1 year of age)
tumors)	0. Illuminating gas	Dislocations
133 Diseases of the urethra, urinary abcess, etc.	2. Coal gas	Sprains
0. Stricture of the urethra	3. Others	fied)
1. Others	169 Suicide by drowning	0. Criminal abortion
tumors )	0. Rivers, etc	1. Explosions
genital organs	170 Suicide by firearms	3. Other medicaments (injec-
136 Cysts and other benign tumors of the ovary	struments	tion)
137 Salpingitis or pelvic absecss	172 Suicide by jumping from high places	203 Violent deaths of which the cause
138 Benign tumors of the uterus 139 Non-puerperal uterine hemorrhage.	173 Suicide by crushing	is unknown
140 Metritis	174 Other suicides	XV.—Ill-Defined Diseases.
organs	0. Mushrooms	204 Sudden death
142 Non-puerperal diseases of the	1. Shell fish	205 Cause of death not specified or ill-
breast (cancer excepted)	3. Others	defined
VIII.—The Puerperal State.	177 Other acute accidental poisonings.	1. No disease; malingering
143 Accidents of pregnancy	(gases excepted)	2. Surgical operation
	1. Bichloride of mercury	TOTAL 19

### CONTAGIOUS HOSPITAL REPORT FOR FEBRUARY, 1922

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat	Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Whooping Cough	Influenza	Syphillis	Scarlet Fever and Diphtherta	Meningitis T. B. Scabies	Total
Patients admitted			2		3	****		****	****	****	5 6				6	****		****	16
Termination { Recovery   Death					2										1		****		2

DEATHS BY AGES		
	Males	Females
Under 1 day 6	5	1
1.2 days 0	0	0
2-3 days 3	2	1
3 days-1 week 1	0	1
1-2 weeks 5	3	2
2-3 weeks 0	0	0
3 wks-1 month 0	0	0
I-2 months 7	5	2
2-3 months 4	1	3
3-6 months 9	7	2
6-9 months 12	9	3
9-12 months 6	1	ð
1 year11	4	7
2 years 4	4	0
3 years 5	3	2
4 years 1	0	1
5-9 years 5	4	1
10-14 years 3	1	2
15-19 years 4	4	0
20-24 years 4	2	2
25-29 years 1	0	1
30-34 years 7	4	3
35-39 years 6	3	3
40-44 years 6	2	4
45-49 years 9	3	6
50-54 years 4	2	2
55-59 years10	3	7
60-64 years13	8	5
65 69 years 17	6	11
70-74 years17	6	11
75-79 years 12	5	7
80-84 years	3	0
85-89 years 1	0	1
90-94 years		
95-99 years		
100+		
Unknown		
Total196	100	96

	DEATHS	BY '	WARDS	
1				49
2				. 19
3	•••••••••			. 18
4				. 8
5				14
6	**********************		************	. 24
7	*************			. 1
8	000000000000000000000000000000000000000			. 42
9			***************************************	. 21

1				
HOSPITALS				
City Hospital20				
Union Hospital 8				
St. Anne's Hospital 8				
Bay View Hospital 4				
Truesdale Hospital 5				
Contagious Hospital 2				
City Home				
STILL BIRTHS				
Males12				
Females 5				
Unknown				
Total17				
NATIVITY				
Fall River 91				
Massachusetts11				
Other States10				
Ireland11				
Canada32				
England19				
Scotland				
Germany 1				
Azores 12				
Austria				
France				
Belgium				
Russia 2				
Portugal				
Italy 1				
Poland3				
Denmark				
Anstralia				

CEMETERIES	
Oak Grove         29           North Burial Ground         1           St. John's         3           St. Mary's         5           St. Patrick's         50           Notre Dame         80           Nwoo Hill         6           Agedas Aham         6           Our Lady of Light         6           Read Cemetery         6           Sent away for interment         10           Brought here for interment         26	3 0 0 4
SEX	
Male	
	_
COLOR White	5
CONDITION	
Married         56           Single         100           Widowed         4           Divorced         100           Unknown         100	0
There were 321 cases of contagious disease reported for Feb., viz:	
Diphtheria 18 Scarlet Fever 18 Typhoid Fever 29 Tuberculosis of Lungs 8	5
Tuberculosis, other forms	3
Measles Ophthalmia Neonatorum Suppurative Conjunctivitis Chicken Pox Anterior Poliomyelitis	3
Cerebro-Spinal Meningitis Pneumonia, Lobar. 48 Mumps 16 Septic Sore Throat. 181	)
German Measles Lethargica Encephalitis Dog Bite	
Gonorrhoea	

The following is the number of contagious diseases reported in each ward:

1—58 2-40 3—33 4—34 5—39 **6—51 7—14** 8**—24 9—28** 

Estimating the population at 125,969, 196 deaths would give an annual death rate of 18.67 in 1,000. This is 42 more than last month and 43 more than the same month in 1921.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

Unknown.....



## MONTHLY BULLETIN

— OF THE —

## BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS.

SAMUEL B. MORRISS, AGENT.

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HEALTH DEPARTMENTS PLEASE EXCHANGE.

**VOLUME IX** 

APRIL 1922

NUMBER IV

The number of deaths recorded in the city for the month of March was 262, the largest number in any one month in many years, with the exception of September and October 1918 during the height of the "Spanish" Influenza epidemic, when there occurred 264 and 839 deaths, respectively.

This number is 69 greater than the number for the corresponding month last year. A comparison of figures of March, 1921 and March, 1922, show that four diseases of the respiratory system were responsible for the greater part of the increase, as shown by the following table.

	1921	1922	Increase
Influenza	1	18	17
Pulmonary Tuberculosis	8	19	11
Broncho Pneumonia	~~ 21	35	14
Lobar Pneumonia	7	19	12
Total,	37	91	54

With the exception of Chronic Nephritis, which disease showed an increase of seven deaths for the period in excess of the corresponding period last year, the figures for the other causes of deaths were practically the same. About one quarter of the deaths from the respiratory diseases, including approximately one half of those due to Broncho Pneumonia were of children under one year of age, and but for these, our infant mortality rate for the month would have been much lower instead of higher by four deaths.

The table given below shows the age distribution of deaths from these four diseases of the respiratory system.

	Total		Pulmonary Tubercu- losis	Broncho Pneu- monia	Lobar Pneu- monia
1-2 months 2-3 months 3-6 months 6-9 months 9-12 months 1 year 2 years 3 years 5-9 years 4 years	1 1 5 5 7 14 5 1	1 4 2		1 1 5 4 5 8 2 1 1	1 1 2 1
10-14 years 15-19 years 20-24 years 25-29 years	4 2 6	1	2 1 5 1 3		1
30-34 years 35-39 years 40-44 years 45-49 years	2 4 3 4	1	1 3 3	1	<b>1</b> 2
50-54 years 55-59 years 60-64 years 65-69 years	4 2 6 2 4 3 4 8 3 4 1 1 3 3	2	2	i 1	5 2 1
70-74 years 75-79 years 80-84 years	1 3 3	1	1	1 2	1
85-89 years -	91	18	19	35	19

### IN MEMORIAM

DR. AMBROSE A. KEELEY

Diagnostician on Tuberculosis.

Died April 5, 1922.

Whereas, it has pleased Almighty God in His infinite wisdom to remove from our midst, by the hand of Death, Dr. Ambrose A. Keeley who for fifteen years had faithfully and conscientiously served this Board, five years as Medical Inspector of Schools, and up to the date of his death as Tuberculosis Diagnostician, and

Whereas, true to the best traditions of his profession, and possessed of a kind and gentle disposition, Dr. Keeley never allowed personal business to interfere with the discharge of his duties to the school children, or the patients afflicted with tuberculosis committed to his care, but was ever mind-

ful of the interests of the Board and the city for whom he labored, therefore

Be It Resolved that while we bow, in humble submission, to the inscrutable will of the Supreme Master, we mourn for the loss of the association and services so unexpectedly terminated by the death of Dr. Keeley, and

Be It Further Resolved, that in token of our esteem, and in appreciation of his services, these resolutions be incorporated in the records of this Board, and a copy presented to his bereaved widow and children.

## MORTALITY FOR THE MONTH OF MARCH, 1922

Ĭ	Endemic or Infectious Diseases	•
1	Typhoid fever (abdominal typhoid	
	and para typhoid) 0. Typhoid fever	
2	1. Paratyphold fevers  Typhus fever (exanthematous)	
3	Relapsing fever (spirillum obermei- eri)	
5		
	Majarial fever or cachexia.  0. Majarial fever 1. Majarial cachexia Smallpox	
6	Smallpox Measles Scarlet fever	0
8	Whooping cough	2
10 11	Whooping cough Diphtheria Influenza	4
	0. Pneumonia	16
	1. Bronchitis	
	3. Nephritis 4. Meningitis	2
	5. Gastro intestinal	
12	7. Others	
13 14	Mumps Asiatic cholera	
15	Mumps Asiatic cholera Cholera nostras (choleriform enteritis)	
16	Dysentery	
	Dysentery  0. Amebic  1. Bacillary  2. Unspecified or due to other causes	
17	causes	
.,	0. Bubonic	
	Plague	
18	Yellow fever	
19		1
21	Acute poliomyelitis	1
23 24	Epidemic cerebro-spinal meningitis	2
25	Erysipelas Acute poliomyelitis Encephalitis lethargica Epidemic cerebro-spinal meningitis. Other epidemic diseases  0. Varicella 1. Rubella 2. Septic Sore Throat.	
	2. Septic Sore Throat	
26 27	Purulent or septicemic infection Glanders and farcy. Malignant pustule (anthrax) Rables	
28 29	Rables	
30	Mycoses	
32	Rables Tetanus Mycoses Tuberculosis of the respiratory system Tuberculosis of the meninges or of the central nervous system Tuberculosis of the intestines or peritoneum	19
34	the central nervous system	8
35	peritoneum	
36	peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints Tuberculosis of other organs and	
37	Structures of the skin or	
	0. Tuberculosis of the skin or subcutaneous cellular tissue 1. Tuberculosis of the bones	
	(except vertebral column).  Tuberculosis of the bymphatic system (except the	
	phatic system (except the mesenteric and retroper-	
	itoneal glands)	
	urinary system	
38	Disseminated tuberculosis  0. Acute (including miliary tu-	
	berculosis of the lungs, except that specified as	
	chronic or pulmonary)  1. Chronic	
39	Syphilis (includes syphilic infection	
	Syphilis (includes syphilic infection of any organ, tissue or structure of the body)  0. Primary	
	1. Secondary	
	1. Secondary 2. Tertiary 3. Hereditary 4. Period not specified	1
40	4. Period not specified Soft chancre (used for morbidity	
41	statistics only)  Gonococcal infection except that of the eye or adnexa  Gonococcal ophthalmia	
42	Gonococcal ophthalmia	1

	,	
1	I.—General Diseases Not Included Above.	1
43	Cancer or other malignant tumors of the buccal cavity  0. Cancer of the lip 1. Cancer of the tongue 2. Cancer of the mouth 3. Cancer of the jaw 4. Others  Cancer or other malignant tumors of the stomach and liver 0. Cancer of the pharynx. 1. Cancer of the esophagus 2. Cancer of the stomach. 3. Cancer of the liver and gall bladder	
	0. Cancer of the lip	
	1. Cancer of the tongue	1
	3. Cancer of the jaw	1
44	4. Others	
	of the stomach and liver	
	1. Cancer of the esophagus	
	2. Cancer of the stomach	1
	bladder	1
45	Cancer or other malignant tumors of the peritoneum, intestines and	
	rectum	
	peritoneum	1
	peritoneum	1
	Cept rectain,	1
	annus	
46	2. Cancer of the rectum and annus 3. Others Cancer or other malignant tumors of the female genital organs 0. Cancer of the ovary and fallopian tubes 1. Cancer of the uterus 2. Cancer of the vagina and vulva 3. Others Cancer or other malignant tumors of the breast Cancer or other malignant tumors of the skin	
	of the female genital organs  0. Cancer of the ovary and	
	fallopian tubes	1
	2. Cancer of the uterus 2. Cancer of the vagina and	1
	vulva	
47	Cancer or other malignant tumors	
48	of the breast	1
	of the skin	1
49		
	0. Cancer of the larynx	
	1. Cancer of the lung and pleura	
	2. Cancer of the pancreas 3. Cancer of the kidneys and	
	suprarenals  4. Cancer of the prostate  5. Cancer of the bladder  6. Cancer of the brain  7. Cancer of the bones (except jaw)	
	4. Cancer of the prostate 5. Cancer of the bladder	
	6. Cancer of the brain	
	7. Cancer of the bones (except jaw)  8. Cancer of the testes	
	8. Cancer of the testes	1
50	Benign tumors and tumors not re-	1
	turned as malignant (except be-	
	the ovary and uterus-136, 138)	
	1. Tumor of thorax	
	2. Tumor of abdomen	
	4. Tumor of prostate	
51	5. Tumor of other location	1
52	Chronic rheumatism or gout	
	1. Chronic gout	
53 54	Scurvy	
55	Pellagra Beri-beri	
56 57	Rickets Diabetes	8
58	Anemia, Chlorosis	
	0. Pernicious anemia	2
59 60	Diseases of the pituitary gland	
00	v. Exophthalmic goitre	1
	1. Other diseases of the thy- roid gland	
61	Diseases of the parathyroid gland. Diseases of the thymus	
62 63	Diseases of the thymus	
	adrenals) Diseases of the spleenLeukemia and Hodgkin's disease	
64 65	Leukemia and Hodgkin's disease	
	0. Leukemia	1
66	Alcoholism (acute or chronic)	
67	Chronic poisoning by mineral sub- stances	
	0. Chronic lead poisoning	
68	Leukemia and Hodgkin's disease.  0. Leukemia 1. Hodgkin's disease Alcoholism (acute or chronic) Chronic poisoning by mineral substances 0. Chronic lead poisoning 1. Others Chronic poisoning by organic substances Other general diseases 0. Acidosis	
69	stances	
03		
	Z. Autointoxications	
	3. Hemophilia	
	4. Purpura hemorrhagica 5. Others	

HI.	-Diseases of the Nervous Syst and Organs of Special Sense.	em
70		
71	Encephalitis	
	Encephalitis  Meningitis  0. Simple  1. Non-epidemic cerebro - spinal meningitis  Progressive locomotor ataxia (tabes dorsalis)  Other diseases of the spinal cord.  0. Bulbar paralysis (Duchenne's disease)  1. Paralysis agitans (Parkinson's disease)	1
	1. Non-epidemic cerebro - spin-	
72	Progressive locomotor ataxia (tabes	
	dorsalis)	
73	Other diseases of the spinal cord	
	ne's disease)	
	1. Paralysis agitans (Parkin-	
	son's disease)  2. Acute ascending spinal paralysis (Landry's disease)  3. Myelitis	
	alysis (Landry's disease)	
	0. 2127 044680 00000000000000000000000000000000	
74	4. Others Cerebral hemorrhage, apoplexy	
	U. Cerebral hemorrhage	9
	1. Cerebral thrombosis and em-	
75	bolism  Paralysis (without specified cause)	
	0. Hemiplegia	`
76	0. Hemiplegia	
77	Other forms of mental alienation.	
78	General paralysis (of the insane). Other forms of mental alienation. Epilepsy Convulsions (non-puerperal) (5 years and over) Infantile convulsions (under five years of age). Chorea  0. Chorea 1. Hysteria and neurulgia 2. Neuritis Softening of the brain Other diseases of the nervous system	
79	vears and over) (b	
80	Infantile convulsions (under five	
81	years of age)	2
01	0. Chorea	
	1. Hysteria and neuralgia	
82	2. Neuritis	
83	Other diseases of the pervous sys-	2
	tem	
84	Diseases of the organs of vision and	
	tion, No. 42	
	0. Diseases of the eye (except	
	1 Follicular conjunctivitie	
	adnexa except gonococcal infection, No. 42  0. Diseases of the eye (except tumor)  1. Follicular conjunctivitis  2. Trachoma	
	a. I umors of the eye	
	4. Other diseases of the eye or	
85	Diseases of the organs of hearing	
	and the mastoid process	
	1. Diseases of the mastoid	
	4. Other diseases of the eye or its adnexa	
IV	-Diseases of the Circulatory Syste	2003
86	Pericarditis	
87	Acute endocarditis and myocarditis	
	O. Acute endocarditis  1. Acute myocarditis  1. Acute myocarditis  Other diseases of the heart  O. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of the heart	2
88	Angina pectoris	1
89	0. Chronic endocarditis	9
	1. Chronic myocarditis	7
	2. Other chronic diseases of	
90	the heart	2
91	Atheroma and other diseaser of the	
92	Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except corebral)	11
32	cerebral)	
93	cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	
94	Diseases of the lymphatic system	
	(lymphangitis, etc.)	1
95	(lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the circulatory system	
	cause; other diseases of the cir- culatory system	
V	Diseases of the Respiratory System	ma.
96	Diseases of the nasal fossae and	
	0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer Bronchitis	
97	Diseases of the larynx (except	
98	Bronchitis	
	0. Acute	2
		1
	2. Not otherwise defined under 5 years of age	2
	3. Not otherwise defined, 5 years and over	40
99	Broncho pneumonia (including can	1
00	Broncho pneumonia (including cap- illary bronchitis)	
	0. Broncho pneumonia	35
100	1. Capillary bronchitis	1
	0. Lobar	19
101	1. Not otherwise specified	1
101	Pleurisy  O. Pleurisy  Empyema of thoracic cavity	2
	1. Empyema of thoracic cavity	
		_

102 Co	ngestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolic acid
(	orrhage of the lung	nancy	3. Cocaine
104 As	thma 8	145 Other accidents of childbirth  0. Cesarian section	5. Opium (morphine) 6. Wood alcohol
105 Er	thma	1. Other surgical operations	7. Others
8	o, Chronic interstitial pneumo-	and instrumental delivery  2. Others	8. Not specified or unknown 178 Conflagration
	nia (including occupational	146 Puerperal septicemia 3	179 Accidental burns and scalds (con-
	diseases of the lung)  1. Diseases of the mediasti-	147 Phlegmasia alba dolens, puerperal embolism or sudden puerperal	flagration excepted)
	num	death	1. Lamps
VI D		sions 1	3. Hot fluids
	iseases of the Digestive System.	149 Childbirth (without other explanation)	5. Bonfires 1
101 101	0. Diseases of the teeth and	150 Puerperal diseases of the breast	6. Others
	1. Other diseases of the buccal	IX.—Diseases of the Skin or Cellular	180 Accidental mechanical suffocation  0. Foreign body in larynx
108 DI	cavity and adnexaseases of the pharynx and tonsils	Tissue.	1. Overlying
	(includes adenoids)	151 Gangrene	2. Others
	0. Streptoccic sore throat 1. Ludwig's angina	152 Boil, carbuncle, furuncle	able or poisonous gas  0. Illuminating gas
	2. Tonsilitis	154a Tinea and alopecia (morbidity only)	1. Chloroform or ether
400 TO	4. Others	154b Pruritis (morbidity only)	2. Coal gas
	seases of the esophagus cer of the stomach and duode-	155 Other diseases of the skin and its adnexa	4. Sewer gas
	num 0. Ulcer of the stomach	XDiseases of the Bones and Organs	6. Unknown
484 04	1. Ulcer of the duodenum	of Locomotion.	182 Accidental drowning
	ther diseases of the stomach (can-		1. Others
	0. Indigestion 2 1. Gastritis	156 Diseases of the bones (tubercu- losis excepted) 1	183 Accidental injury by firearms (wounds of war excepted)
	2. Stricture or stenosis of py-	157 Diseases of the joints (tubercu- losis and rheumatism excepted)	184 Accidental injury by cutting or piercing instruments
	lorus	158 Other diseases of the bones or or-	185 Accidental injury by falls
112 Di	arrhea and enteritis (under 2 years of age)	gans of locomotion	0. Down shafts, hatchways, holds of vessels
113 Di	arrhea and enteritis (2 years and	XI.—Malformations.	1. Down stairs
114 Ai	over)	159 Congenital malformations (still- births excepted)	3. From fire-escapes
115 Di	seases due to other intestinal	0. Hydrocephalus	4. From scaffolds
	0. Cestodes (hydatids of the	1. Malformations of the heart 6 2. Others	6. From vehicles
	liver excepted)	XII Diseases of Early Infancy.	9. Other falls
	2. Nematodes (other than ankylostoma)	160 Congenital debility, icterus and	186 Accidental traumatism in mines and quarries
	3 Coccidia	sclerema	0. In mines
	4. Other parasites	0. Marasmus	187 Accidental traumatism by machines
116 A)	ppendicitis and typhlitis	2. leterus	0. Deaths by machinery 1. Deaths by elevators
111 11	0. Hernia 5	4. Others 1	188 Accidental traumatism by other crushing (vehicles, railways,
118 O	1. Intenstinal obstruction ther diseases of the intestines	161 Premature birth, or consequence of labor	landslides, etc.)
	0. Diseases of the anus and stercoral fistulae 1	0. Premature birth 9 1. Injury at birth 2	0. Run over by wagons, trucks, etc.
	1. Other diseases of the intes-	162 Other diseases peculiar to early in-	1. Run over by automobiles 2. Run over by other vehicles
119 A	cute yellow atrophy of the liver	fancy 1  0. Asphyxia neonatorum 1	3. Run over by electric surface
	ydatid tumor of the liver	1. Atelectasis	cars
121 0	0. Returned as alcoholic	3. Umbilical hemorrhage	5. Run over by elevated rail-
<b>122</b> Bi	1. Not returned as alcoholic	4. Others 2 163 Lack of care	mand anne
123 O	ther diseases of the liveriseases of the pancreas except	XIII.—Old Age.	6. Run over by subway cars 7. Crushed by falling bodies
	cancer	164 Old age (senility)	8. Crushed by derricks, stones, etc.
	eritonitis of unstated cause ther diseases of the digestive		9. Other causes
	system (cancer and tuberculosis excepted)	XIV.—External Causes.	190 Wounds received in war
	Non-Venereal Diseases of the	165 Suicide by solid or liquid poisons (corrosive substances excepted)	191 Executions of civilians by bellig- erent armies
V 11.—	Genito-Urinary System and	0. Opium, morphine	192a Excessive labor
	its Adnexa.	z. Chloroform (ether)	water)
	cute nephritis (including unspeci-	3. Others 166 Suicide by corrosive substances	193 Excessive cold
	fied under 10 years of age) 1	0. Arsenic (paris green)	195 Lightning
	hronic nephritis (including unspecified over 10 years of age 16	2. Carbolic acid	197 Homicide by firearms
129 Ci 130 O	hyluriather diseases of the kidneys and	4. Oxalic acid	198 Homicide by cutting or piercing in- struments
	their adnexa (diseases of the	acid)	199 Homicide by other means
131 C	kidney in pregnancy excluded) alculi of the urinary passages	6. Other corrosive poisons 167 Suicide by poisonous gas	than 1 year of age)
132 D	iseases of the bladder (except tumors) 1	0. Illuminating gas 1	201 Fracture (cause not specified)
133 D	iseases of the urethra, urinary abcess, etc.	1. Chloroform	Sprains
	0. Stricture of the urethra	3. Others	fled)
134 D	1. Othersiseases of the prostate (except	169 Suicide by drowning	0. Criminal abortion
	tumors)	0. Rivers, etc	1. Explosions
120 1/	on-venereal diseases of the male genital organs	170 Suicide by firearms 1	3. Other medicaments (injec-
136 C	ysts and other benigh tumors of the ovary	171 Suicide by cutting or piercing in- struments	tion)
137 S	the ovary	172 Suicide by jumping from high places	203 Violent deaths of which the cause is unknown
139 N	enign tumors of the uterus 1 on-puerperal uterine hemorrhage.	173 Suicide by crushing	
140 M	letritis	174 Other suicides	XV.—Ill-Defined Diseases.
	organs	0. Mushrooms	204 Sudden death
142 N	on-puerperal diseases of the breast (cancer excepted)	2. Pork sausages	205 Cause of death not specified or ill- defined
	VIII.—The Puerperal State.	176 Poisoning by venomous animals	0. Ill-defined or not specified 1. No disease; malingering
143 A	ccidents of pregnancy	177 Other acute accidental poisonings (gases excepted)	2. Surgical operation
	0. Abortion	(gases excepted) 0. Ethyl alcohol 1. Bighloride of mercury	TOTAL 26
	i. Letopic gestation	1. Bichloride of mercury	

### CONTAGIOUS HOSPITAL REPORT FOR MARCH, 1922

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore	Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Whooping Cough	Influenza	Syphillis	Scarlet Fever and Diphtherta	Meningitis T. B. Scabies	Total
Patients admitted Termination { Recovery Death			3	1	4	****		****	****	****	10 4				2 6	****	****	****	20 14

DEATHS BY AGES		
Total	Males	Females
Under I day 6	6	0
1-2 days 3	2	1
2-3 days 2	1	1
3 days-1 week 4	0	4
1-2 weeks 2	1	1
2-3 weeks 0	0	0
3 wks-1 month 1	1	0
1-2 months 4	4	0
2-3 months 3	1	2
3-6 months	- 8	5
6-9 months 9	в	3
9-12 months 9	4	5
1 year	14	7
2 years 8	4	4
3 years 3	0	3
4 years 2	1	1
5-9 years 5	4	1
10-14 years 5	2	3
15-19 years 5	4	1
20-24 years 5	2	3
25-29 years10	1	9
30-34 years 6	3	3
35-39 years 11	5	6
40-44 years 7	2	5
45-49 years 8	2	6
50-54 years14	9	õ
55-59 years16	10	6
60-64 years14	6	8
65-69 years	6	9
70-74 years24	11	13
75-79 years10	3	7
80-84 years10	4	6
85-89 years 2	1	1
90-94 years 5	5	0
95-99 years 0	0	0
100+		
Unknown		
Total	138	<b>12</b> 9

	DEATHS	BY	WARDS	
1	*******	.,		. 44
2				36
3				26
-				
9				35

HOSPITALS
City Hospital23
Union Hospital14
St. Anne's Hospital14
Bay View Hospital4
Truesdale Hospital 5
Contagious Hospital 4
City Home15
STILL BIRTHS
Males 5
Females12
Unknown
Total17
NATIVITY
Fall River126
Massachusetts17
Other States14
Ireland20
Canada
England24
Scotland
Germany
Azores18
Austria
France
Belgium
Russia3
Portugal 2
Italy
Poland
Denmark
Australia
Sweden
Spain
Greece 1
Brazil
Syria
Madeira 1
Norway
Unknown 1

CEMETERIES         Oak Grove       45         North Burial Ground       14         St. John's       7         St. Mary's       2         St. Patrick's       70         Notre Dame       107         Nwoo Hill       3         Agedas Aham       1         Our Lady of Light       2         Read Cemetery       2         Sent away for interment       11         Brought here for interment       32
SEX
Male       133         Female       129
COLOR
White
CONDITION
Married         .85           Single         .131           Widowed         .45           Divorced         .1           Unknown
There were 254 cases of contagious diseases reported for Mar., viz:
Diphtheria 17 Scarlet Fever 26
Typhoid Fever 4 Tuberculosis of Lungs 19
Tuberculosis, other forms 4
Whooping Cough
Measles 5 Ophthalmia Neonatorum 14 Suppurative Conjunctivitis 1
Chicken Pox11
Anterior Poliomyelitis
Cerebro-Spinal Meningitis         3           Pneumonia, Lobar         59           Mumps         25
Septic Sore Throat
Influenza
Lethargica Encephalitis 1
Gonorrhoea
Tetanus

The following is the number of contagious diseases reported in each ward:

1-47 2-28 8-17 4-22 5-38 6-31 7-9 8-27 9-35

Estimating the population at 125,969, 262 deaths would give an annual death rate of 24.96 in 1,000.

This is 66 more than last month and 69 more than the same month in 1921.

FRANK L. LARKIN, Secretary.



## MONTHLY BULLETIN

- OF THE -

## BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS.

SAMUEL B. MORRISS, AGENT.

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MAY 1922

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### Infant Welfare Work

When our mortality figures for 1921 were compiled, it was a source of gratification to the Board of Health to know that there had been a decrease in the number of deaths of children under one year of age, and a consequent lowering of our infant mortality rate. There were thirty-seven less deaths of children under one in 1921 than in 1920, and although the number of deaths was 16 greater in 1921 than in 1919, the rate was less, due to the fact that there were more births in 1921.

	Deaths under	Live Births	Rate per
	1 year		Thousand Births
1919	408	3444	118
1920	461	3605	128
1921	424	3747	113

Later, when we learned that this condition had been general throughout the country, and that other places, including sister cities in Massachusetts, such as New Bedford and Lowell, had shown much more progress than Fall River, the reason was sought. Upon inquiring, we found that the cities which had shown the greatest progress were those which had effective organizations of visiting nurses, clinics, etc. combatting the causes of infant mortality.

In view of the results which had been attained by cities very similar in population, industries, etc. to ours, the Board considered that if similar steps were taken in Fall River, similar results could be expected. Various plans and programmes were considered by the Board and conferences were held with His Honor, the Mayor, to show the need of this work being taken up and to secure the additional funds needed to finance it. Representatives of the District Nursing Association were also called into these conferences, as this organization has been doing a good deal of work along these lines, which although limited, because of lack of funds, has been quite effective. As a result of these

conferences, the Mayor promised to provide the funds necessary to employ three nurses for Infant Welfare Work, and if the results attained warranted it, he would later consider plans for extending this work.

As the District Nursing Association had a working organization, it was decided that the most effective way of employing the additional nurses, would be to place them under the supervision of Miss Mary A. Jones, Superintendent of the District Nursing Association, and that they work in conjunction with the three nurses already employed by the Association, and engaged in that particular line. No new clinics are to be established for the time being, all cases in which the family is unable to afford the services of a private physician, to be referred to the clinics now operated by the District Nursing Association.

Although this program was adopted some weeks ago, it did not become effective until the past month, as the Commissioner of Civil Service was unable to furnish a list of persons qualified, until recently. The Commissioner would have allowed the Board to make provisional appointments, but it was decided to wait rather than make appointments, and then later make changes. However, on the 22nd of May, the Misses Florence D. Thistlewaith, R. N., Angela V. Higgins, R. N., and Ruth Westgate, R. N., who had been certified by the Commissioner of Civil Service, started on their new duties.

When the results attained warrant such steps, new clinics will be established by the City, increases made in the nursing force, and improvements in the manner of carrying on this work will be adopted. And we hope, before long, such progress will be made that, instead of the unpleasant notoriety we have received in the past, on account of our high infant mortality, we will be known as one of the foremost amongst the cities in conserving the lives of our infants.

## MORTALITY FOR THE MONTH OF APRIL, 1922

1.	Endemic or Infectious Diseases	
1	Typhoid fever (abdominal typhoid	
·	and para-typhoid)  0. Typhoid fever  1. Paratyphoid fevers	
0		
3	Relapsing fever (spirillum obermeieri) Melito—coccosis (Malta fever) Malarial fever or cachexia  0. Malarial fever  1. Malarial cachexia	
4	Melito-coccosis (Malta fever)	
5	Malarial fever or cachexia  0. Malarial fever	
6	1. Malarial cachexia Smallpox	
8	Measles	
9	Smanpox Measles Scarlet fever Whooping cough Diphtheria Influenza Complications	
11	Influenza Complications:	
	0. Pneumonia	
	1. Bronchitis	
	2. Heart diseases 3. Nephritis 4. Meningitis 5. Gastro intestinal 6. Puerperal 7. Others	
	5. Gastro intestinal 6. Puerperal	
	7. Others	
12	Miliary fever	
14 15	Mulary lever Mumps Aslatic cholera Cholera nostras (choleriform enteritis) Dysentery 0. Ameble 1. Bacillary 2. Unspecified or due to other	
16	teritis)	
	0. Amebic	
	2. Unspecified or due to other causes	
17	Plague	
	Plague  0. Bubonic 1. Pneumonic 2. Septicemio 3. Unspecified	
	2. Septicemic	
18	Yellow fever	
19 20	Leprosy	
21 22	Acute poliomyelitis	
23 24	Encephalitis lethargica Epidemic cerebro-spinal meningitis	
25	Erysipelas Acute poliomyelitis Encephalitis lethargica Epidemic cerebro-spinal meningitis. Other epidemic diseases  0. Varicella 1. Rubella 2. Septic Sore Throat.	
	1. Rubella	
26	Purulent or septicemic infection	
27 28	Purulent or septicemic infection Glanders and farcy. Malignant pustule (anthrax) Rables	
29 30	Rabies Tetanus	
31 32	Rabies Tetanus Mycoses Tuberculosis of the respiratory system Tuberculosis of the meninges or of the central nervous system. Tuberculosis of the intestines or peritoneum Tuberculosis of the vertebral column	
33	tem	16
34	the central nervous system	1
	peritoneum	
35 36	Tuberculosis of the vertebral column Tuberculosis of the joints. Tuberculosis of other organs and structures	
37	Tuberculosis of other organs and structures	
	o. Tuberculosis of the skin or subcutaneous cellular tissue	
	subcutaneous cellular tissue 1. Tuberculosis of the bones (except vertebral column).	
	2. Tuberculosis of the lym- phatic system (except the	
	mesenteric and retroper-	
	3. Tuberculosis of the genito-	
	urmary system	
38	4. Tuperculosis of other organs Disseminated tuberculosis 0. Acute (including miliary tuberculosis of the lungs, except that specified as	
	berculosis of the lungs, ex- cept that specified as	
	1. Chronic	1
39	Syphilis (includes syphilic infection	
	Syphilis (includes syphilic infection of any organ, tissue or structure of the body)  1. Secondary	
	0. Primary 1. Secondary	
	1. Secondary 2. Tertlary 3. Hereditary 4. Period not specified	
40	4. Period not specified	
40	Soft chancre (used for morbidity statistics only)	
41	Gonococcal infection except that of the eye or adnexa	
42	Gonococcal ophthalmia	

	'H	General Diseases Not Included	
	40	Above.	
	43	Cancer or other malignant tumors of the buccal cavity  0. Cancer of the lip	
		0. Cancer of the lip	
		2. Cancer of the mouth	
		3. Cancer of the jaw	
	44	4. Others	
		of the stomach and liver	
		0. Cancer of the pharynx	
		2. Cancer of the stomach	2
		3. Cancer of the liver and gall	
	45		2
	70	of the peritoneum, intestines and	
		rectum of the megentory and	
		of the peritoneum, intestines and rectum  0. Cancer of the mesentery and peritoneum  1. Cancer of the intestines (except rectum)  2. Cancer of the rectum and annus  3. Others	
		1. Cancer of the intestines (ex-	_
		cept rectum)	2
		annus	
	40		
	46	Cancer or other malignant tumors	
		0. Cancer of the ovary and	
		fallopian tubes	2
		2. Cancer of the vagina and	24
		vulva	
	47	3. Others Cancer or other malignant tumors	
	47	of the breast	
	48	Cancer or other malignant tumors	
	49	of the breast Cancer or other malignant tumors of the skin Cancer or other malignant tumors of other or unspecified organs	
		of other or unspecified organs	
		0. Cancer of the larynx 1. Cancer of the lung and	1
		pleura	
		pleura  2. Cancer of the pancreas  3. Cancer of the kidneys and	
		3. Cancer of the kidneys and	
		suprarenals  4. Cancer of the prostate  5. Cancer of the bladder  6. Cancer of the brain  7. Cancer of the bones (except	
		5. Cancer of the bladder	
		6. Cancer of the brain	
		jaw)	
		jaw)	
į	50	9. Others Benign tumors and tumors not returned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138).  0. Tumor of the brain.  1. Tumor of thorax.  2. Tumor of abdomen.  3. Tumor of bladder.  4. Tumor of prostate.  5. Tumor of other location.  Acute febrile articular rheumatism Chronic rheumatism or gout.  0. Chronic rheumatism	
		turned as malignant (except be-	
		the overy and uterus—136, 138).	
		0. Tumor of the brain	1
		1. Tumor of thorax	
		3. Tumor of bladder	
		4. Tumor of prostate	
,	51	Acute febrile articular rheumatism	
	52	Chronic rheumatism or gout	
3	53	Seurvy	
į	54	Pellagra	
	55 56	Beri-beri Rickets	9
ĺ	57	Diabetes	1
į	58	Anomia Chlorogia	
		O. Pernicious anemia Other anemias and chlorosis Diseases of the pituitary gland Diseases of the thyroid gland  Diseases of the thyroid gland	
	59	Diseases of the pituitary gland	
	60	0. Exophthalmic goitre	
		1. Other diseases of the thy- roid gland	
	31	roid gland	
	52	Diseases of the thymns	
	33	Diseases of the parathyroid gland. Diseases of the thymus	
6	64	adrenais)	
	55	Leukemia and Hodgkin's disease.	
		0. Leukemia	
F	66	Alcoholism (acute or chronic)	
	37	O. Leukemia Hodgkin's disease Alcoholism (acute or chronic) Chronic poisoning by mineral sub-	
		Stances	
		1. Others	
ŧ	8	others  O. Chronic lead poisoning.  Others  Chronic poisoning by organic substances	
	9	Other general diseases	
		0. Acidosis	1
		1. Amyloid degenerations	
		3. Hemophilia	
		4. Purpura hemorrhagica	
		5. Others	

III.	-Diseases	of	the	Nerv	ous	Syst	em
70	and Orga Encephalitis						
71	Meningitis			• • • • • • •		• • • • • •	
	1. Non	ne -epi	demi	cerel	oro -	spin-	
72	al Progressive	mer	ningit	is or atax	da. (	tabes	
73	dorsalis)	900	of ti	ho spir		ord.	
,,,	0. Bulb	ar	para	lysis	(Du	chen-	
	Encephalitis Meningitis 0. Simp 1. Non al Progressive dorsalis) Other disea 0. Bulh ne' 1. Para son 2. Acut aly 3. Myee	s a lysi	s ag	gitans	(Pa	rkin-	
	2. Acut	'8 (	diseas	se) Hing sn	inal	nar-	
	aly 3. Mye	sis	(Lan	dry's	disea	se)	
74	4. Othe Cerebral he	rs					1
/4	u. Cere	nral	nem	orrhag	φ.		6.
	1. Cere	pra.	Enro	mbosis	9 70 0	em-	٠.
75	Paralysis ( 0. Hem 1. Othe General par	with	out	specifie	d c	ause)	
70	1. Othe	r f	orms	of par	alys	is	
76 77	General par Other form Epilepsy Convulsions years and Infantile c years of Chorea 0. Chor 1. Hyst 2. Neur Softening o Other disea	alys s of	sis (c mer	of the ntal ali	insa ienat	ne) ion	
78 79	Epilepsy	• • • •	non -	nuern	aral)	(5	
80	years and	ro l	ver)	pacip	oraci,		
	years of	age)	$) \dots$	ıs (un	aer	nve	1
81	0. Chor	ea.					
	1. Hyst	eria	and	neura	lgia		
82	Softening o	f tl	ne br	ain			1
83	tem	ses	or the	ne ner	vous	sys-	
84	Diseases of	the	orga	ns of v	rision	and	
	tion, No. 0. Dise	42		the eye			
	tun	ior)		ine ey	e (e.		
	1. Folli 2. Trac	cula hom	r con	ajuneti	vitis		
	4 Otha	- All		8 43			
	its	adn	isease iexa	ajuncti e eye es of th	1e e	e or	
85	Diseases of and the 10. Diseases 1. Diseases process .	th mas	e org	gans of process	he	aring	
	0. Disea	ises	of t	he ear		atold	
	process .					····	
IV	-Diseases o	of th	he Ci	reulat	OFF	Swate	m
86 87	Pericarditis Acute endo	ard	itis a	and m	vocai	ditis	
	0. Acut	e e	ndoca	arditis	* * * * *		3
88	Angina pect	oris	ily oca	· · · · · · ·			3
89	0. Chro	nic	of the	e heart carditis	t		5
	Pericarditis Acute endoc 0. Acut 1. Acut Angina pect Other diseas 0. Chro 1. Chro 2. Othe	nic r	myo	carditis ic dis	0000	of	7
90	the	hea	irt		* * * * * *		5
91	Atheroma a	nd (	other	diseas	eg o	the	
92	Embolism a	nd	thro	mhosis	(0)	rcent	4
93	cerebral) Diseases of hemorrhoi		ho	· · · · · · ·	(770)		
	hemorrhoi	ds,	phlel	oitis, e	tc.)	ices,	
94	Diseases of	tn	e iyi	mpnation	c sy	stem	
95	Hemorrhage	7	witho	ut de	etern	nined	
**	culatory s  Diseases of  Diseases of	yste	m				
V 96	Diseases of	the	e Ke	spirate	ory !	Syste	m.
	their adne	xa		h a man	-1 4		
	1. Other	rs	01 1	ne nas	ai 10	ossae	
97	tuberculos:	t is a	the and o	arynx	(e)	ccept	
98	1. Other Diseases of tuberculos Bronchitis 0. Acute	 Pi					4
	1. Chro	nic.					1
	2. Not	othe	erwise	e defin	ed u	nder	2
	3. Not yea. Broncho pno illary bron 0. Bron 1. Capil	otl	herwi	se de	fined	1, 5	2
99	Broncho pno	um	onia	(includ	ling	cap-	
	0. Bron	cho	pneu	monia			10
100	1. Capil Pneumonia	lary	bron	nchitis			
.00	0. Loba	r.		speci			7
101							
	0. Pleur 1. Emp	isy	a of	thorac	ic c	avity	1
				31.01 &C	-0 0		

102	Congestion or parenchymatous hem-	2. Other accidents of preg-		2. Carbolic acid
103	orrhage of the lung	nancy		3. Cocaine
104	Asthma	145 Other accidents of childbirth		5. Opium (morphine)
105 106	Emphysema of the lung Other diseases of the respiratory	0. Cesarian section		6. Wood alcohol
	system (tuberculosis excepted)	and instrumental delivery	178	8. Not specified or unknown
	0. Chronic interstitial pneumo- nia (including occupational	2. Others	179	Conflagration Accidental burns and scalds (con-
	diseases of the lung)	147 Phlegmasia alba dolens, puerperal embolism or sudden puerperal		flagration excepted)
	1! Diseases of the mediasti-	death		0. Stoves 1. Lamps
	2. Others	148 Puerperal albuminuria or convulsions		2. Steam
VI	-Diseases of the Digestive System.	149 Childbirth (without other explana-		4. Matches
107	Diseases of the mouth and adnexa.	tion)		5. Bonfires
	0. Diseases of the teeth and			7. Unknown
	gums 1. Other diseases of the buccal	IX.—Diseases of the Skin or Cellular	180	Accidental mechanical suffocation  0. Foreign body in larynx
108	Diseases of the pharynx and tonsils	Tissue.		1. Overlying
100	(includes adenoids)	151 Gangrene 1	181	2. Others
	0. Streptoccic sore throat 1. Ludwig's angina	152 Boil, carbuncle, furuncle		able or poisonous gas
	2. Tonsilitis	154a Tinea and alopecia (morbidity		0. Illuminating gas
	3. Adenoids	only)		2. Coal gas
109	Diseases of the esophagus	155 Other diseases of the skin and its		3. Ammonia fumes
110	Ulcer of the stomach and duode-	adnexa		5. Other gases
	0. Ulcer of the stomach 1. Ulcer of the duodenum	X.—Diseases of the Bones and Organs	182	6. Unknown
111	Other diseases of the stomach (can-	of Locomotion.		0. Rivers, ponds, etc
	cer excepted	156 Diseases of the bones (tubercu-	183	1. Others Accidental injury by firearms
	0. Indigestion 1 1. Gastritis	losis excepted)	194	(wounds of war excepted)
	2. Stricture or stenosis of py- lorus 1	157 Diseases of the joints (tubercu- losis and rheumatism excepted)	107	(wounds of war excepted) Accidental injury by cutting or piercing instruments
	3. Others	158 Other diseases of the bones or or-	185	Accidental injury by falls
112	3. Others Diarrhea and enteritis (under 2 years of age)	gans of locomotion		0. Down shafts, hatchways, holds of vessels 1
113	Diarrhea and enteritis (2 years and	XI.—Malformations.		1. Down stairs
114	over) 1 Ankylostomiasis 1	159 Congenital malformations (still-		3. From fire-escapes
	Diseases due to other intestinal	births excepted)		4. From scaffolds
	parasites	I. Malformations of the heart 3		6. From vehicles
	liver excepted)	2. Others 1		7. On streets, sidewalks, etc 9. Other falls
	1. Trematodes	XII.—Diseases of Early Infancy.	186	Accidental traumatism in mines and
	kylostoma)	160 Congenital debility, icterus and		quarries
	3 Coccidia	sclerema 2	407	1. In quarries
	5 Parasites not specified	1. Inanition	187	Accidental traumatism by machines  0. Deaths by machinery
116	Appendicitis and typhlitis 4 Hernia, intestinal obstruction	2. leterus	400	0. Deaths by machinery 1. Deaths by elevators
• • • •	0. Hernia 1	4. Others	188	Accidental traumatism by other crushing (vehicles, railways.
118	1. Intenstinal obstruction i Other diseases of the intestines	161 Premature birth, or consequence of labor		landslides, etc.)
	0. Diseases of the anus and	0. Premature birth 11		0. Run over by wagons, trucks, etc.
	stercoral fistulae	1. Injury at birth		1. Run over by automobiles
440	tines	fancy		2. Run over by other vehicles 3. Run over by electric surface
119 120	Acute yellow atrophy of the liver	0. Asphyxia neonatorum 1. Atelectasis		cars
121	Cirrhosis of the liver	2. Umbilical infection 1		4. Run over by steam railroad cars
	0. Returned as alcoholic 1. Not returned as alcoholic	3. Umbilical hemorrhage 4. Others		5. Run over by elevated rail- road cars
12 <b>2</b> 123	Ciliary calculi	163 Lack of care		6. Run over by subway cars
	Diseases of the pancreas except	XIII.—Old Age.		7. Crushed by falling bodies 8. Crushed by derricks, stones,
125	Peritonitis of unstated cause	164 Old age (senility)		etc
126	Other diseases of the digestive	XIVExternal Causes.	189	9. Other causes
	system (cancer and tuberculosis excepted)	165 Suicide by solid or liquid poisons	190	Wounds received in war
3771		(corrosive substances excepted)	191	Executions of civilians by bellig- erent armies
VII	Non-Venereal Diseases of the	0. Opium, morphine	192a	erent armies
	Genito-Urinary System and	2. Chloroform (ether)		water)
	its Adnexa.	3. Others	193 194	Excessive cold
127	Acute nephritis (including unspecified under 10 years of age)	0. Arsenic (paris green) 1. Bichloride of mercury	195	Lightning
128		2. Carbolic acid	196 197	Other accidental electric shocks Homicide by firearms
129	Chyluria 11	3. Cyanides (prussic acid) 4. Oxalic acid		Homicide by cutting or piercing in-
130	Other diseases of the kidneys and their adnexa (diseases of the	5. Muriatic acid (hydrochloric	199	struments
	kidney in pregnancy excluded)	acid)		Infanticide (murder of infants less
131	Calculi of the urinary passages  Diseases of the bladder (except	167 Suicide by poisonous gas	201	than 1 year of age) Fracture (cause not specified)
	tumors)	0. Illuminating gas		Dislocations
133	Diseases of the urethra, urinary abcess, etc.	2. Coal gas		2. Fractures (cause unspeci-
	0. Stricture of the urethra	3. Others	202	fied)
134	1. Others Diseases of the prostate (except	169 Suicide by drowning	202	0. Criminal abortion
	tumors )	1. Others		<ol> <li>Explosions</li> <li>Salvarsan injection</li> <li>Other medicaments (injec-</li> </ol>
135	genital organs	170 Suicide by firearms		3. Other medicaments (injec-
136	Cysts and other benign tumors of	struments		tion)
137		172 Suicide by jumping from high places	203	Violent deaths of which the cause
138 139	Benign tumors of the uterus	173 Suicide by crushing		is unknown
140	Metritis	174 Other suicides		XVIll-Defined Diseases.
141		0. Mushrooms	204	Sudden death
142	organs	1. Shell fish		Cause of death not specified or ill-
	breast (cancer excepted)	3. Others		defined
	VIII.—The Puerperal State.	176 Poisoning by venomous animals 177 Other acute accidental poisonings		1. No disease; malingering
143	Accidents of pregnancy  0. Abortion	(gases excepted)		2. Surgical operation
	1. Ectopic gestation	1. Bichloride of mercury		TOTAL 15

### CONTAGIOUS HOSPITAL REPORT FOR APRIL, 1922

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat Diphtheria	Malaria	Measies	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Whooping Cough	Influenza Pneumonia	Syphillis	Scarlet Fever and Diphtheria Meningitis T. B. Scabies	Total
Patients admitted (Recovery			6	5	****		1	****	0000	6 10	****	***		1		4	16 18
Termination { Death	****								****	****	****	****				1	1

DEATHS BY AGES		
Total	Males	Females
Under 1 day 5	4	1
1-2 days 3	2	1
2-3 days 4	1	3
3 days-1week2	2	0
1-2 weeks 3	2	1
2-3 weeks 0	0	0
3 wks-1 month 0	0	-0
1-2 months 1	0	_,1
2-3 months 3	2	1
3-6 months 7	2	5
6-9 months 6	2	4
9-12 months	2	1
1 year 7	3	4
2 years 0	0	0
3 years 5	3	2
4 years 1	1	0
5-9 years 1	1	0
10-14 years 4	1	3
15-19 years 4	1	3
20-24 years 3	3	0
25-29 years 7	4	3
30-34 years 3	0	3
35-39 years 7	4	3
40-44 years 3	2	- 1
45-49 years 5	3	2
50-54 years11	7	4
55-59 years12	6	6
60-64 years 8	4	4
65 69 years10	5	5
70-74 years 9	4	5
75-79 years 7	3	4
80-84 years 5	3	2
85-89 years 2	1	1
90-94 years 0	0	0
95-99 years 1	1	0
100+		
Unknown		
Total152	79	73

DEATHS BY WARDS	
1 1	9
22	4
3 1	3
4	9
5	
6 1	
7	
8	
92	2

### HOSPITALS City Hospital ...... 8 Union Hospital 12 St. Anne's Hospital ...... 5 Bay View Hospital..... 8 Truesdale Hospital ...... 6 Contagious Hospital ...... 1 City Home..... 4 STILL BIRTHS Males ..... Females Unknown ..... NATIVITY Fall River Massachusetts Other States ..... Scotland ..... Germany.....

Norway.....

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CEMETERIES
Oak Grove
North Burial Ground
St. Mary's2
St. Patrick's48
Notre Dame
Nwoo Hill
Agedas Aham
Read Cemetery
Sent away for interment
Brought here for interment16
SEX
SEX Male 79
Female 73
COLOR
White 159
White152 Colored
CONDITION
Married47
Single         74           Widowed         31
Divorced
Unknown
There were 123 cases of contagious diseases
reported for April, viz:
Diphtheria 17 Scarlet Fever 18
Typhoid Fever
Tuberculosis of Lungs
Tuberculosis, other forms
Whooping Cough 2
Measles
Ophthalmia Neonatorum
Chicken Pox
Anterior Poliomyelitis
Cerebro-Spinal Meningitis 1
Pneumonia, Lobar
Mumps
Influenza
German Measles 1
Lethargica Encephalitis 1
Dog Bite
Gonorrhoea
Tetanus

The following is the number of contagious diseases reported in each ward:

1-16 2-10 3-21 4-12 5-12 6-20 7-4 8-17 9-11

Estimating the population at 125,969, 152 deaths would give an annual death rate of 14.48 in 1,000.

This is 110 less than last month and 7 more than the same month in 1921.

FRANK L. LARKIN, Secretary.



## MONTHLY BULLETIN

-OF THE-

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## BOARD OF HEADTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS.

SAMUEL B. MORRISS, AGENT.

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HEALTH DEPARTMENTS PLEASE EXCHANGE.

VOLUME IX

**JUNE 1922** 

**NUMBER VI** 

### SUMMER CARE OF BABIES.

During the next few months, too many babies will die of preventable diseases. In order to reduce the number of infant deaths, the Board of Health asks that the following instructions be followed by mothers of infants, as, unless they realize their responsibility, and give their babies intelligent care, all the efforts of the Board of Health to lower our infant death rate will be of no effect.

#### HOW TO KEEP THE BABY WELL.

NURSE YOUR BABY.—Mother's milk is the best of all foods. Nurse your baby for the first twelve months. If you do its chances for life and health will be ten times greater than the chances of a bottle-fed baby. Never wean a baby less than a year old except at the doctor's advice. Do not wean the baby in hot weather. Remember that ten bottle-fed babies die to one that is breast-fed.

Nurse your baby at regular times, never oftener than every two hours during the day and every four hours at night. Baby should sleep six hours or more each night without interruption. Wake the baby if asleep when the regular time for nursing comes. Give the baby all the cool boiled pure water it wants.

Do not nurse the baby every time it cries. Baby cries for many reasons besides want of food. Baby may cry because you feed it too often or too much; because it is thirsty and needs a few spoonfuls of pure boiled water which you should allow to cool before giving to the baby. Baby may cry because it aches from too much handling, because fond parents insist upon playing with it and amusing it when it really needs quiet and sleep. Baby frequently cries because it is too hot and also because it needs plenty of pure fresh air. Flannel shirts in summer produce prickly heat and thus make the baby cry and suffer from restlessness.

CLOTHING.—The baby feels heat more than you do. In hot weather remove most of the baby's clothing. A loose cotton thin shirt without sleeves is enough. Keep the baby cool A cool baby has more comfort, sleeps better and feels better than a very hot baby. The baby will not catch cold. Overheating or over-feeding produces far more illness in babies than plenty of clean, cool air.

FRESH AIR.—Give the baby, then, fresh air day and night. Keep the windows open all day and all night. Baby should sleep alone and in the coolest, quietest room. Keep the baby out of the kitchen. Keep files out of the house and protect the baby from them. Keep baby out doors as much as possible being careful never to expose it to the hot direct rays of the sun. When you place the baby in the shade be careful to alter its position as the sun moves around. Visit with the baby any one of the various parks as often as you can, if only for a few moments at a time. Give the baby two or three teaspoonfuls of cool boiled water several times a day.

BATHING.—Bathe the baby every day.

Wash the baby whenever the diapers are changed. In hot weather give the baby a cool sponge bath several times a day.

#### THE SICK BABY,

If the baby is sick, vomits or has diarrhoea, stop feeding altogether, give it water instead, and take it to your doctor at once.

Many of the children who die in this city during the summer months could be saved if they had been taken to the doctor at the beginning of their illness and had been properly fed.

In hot weather two or three loose movements a day, even though the baby seems to be well may indicate the beginning of serious illness; a doctor should see the baby at once. Remember it is far easier to keep the baby well than to cure it when sick.

The baby is sick when it vomits or has diarrhoea, and it is seriously sick when it has several loose green passages a day containing mucous and curds. Improper food is the cause of such illness; therefore, stop all food, give cool boiled water and take the baby to a doctor at once. In summer it is dangerous to wait.

Bottle-fed babies often have diarrhoea and vomiting because the milk used is bad and old, or the feedings are not properly prepared and properly kept, or the nursing bottles and nipples are dirty.

BOTTLE-FED BABIES must be given only good milk which is kept constantly covered and on ice. If the milk cannot be kept properly cooled it should be boiled as soon as received.

Feed the baby at regular hours. Each feeding should be heated to a proper temperature in the nursing bottle before it is given to the baby. Taste a spoonful of the milk immediately before giving it to the baby to be sure that it has not soured. If the milk is not sweet do not give it to the baby,

As soon as the bottle used by the baby is empty it must be thoroughly washed with cold water, then cleaned with borax and hot water (a teaspoonful of borax to pint of water). The empty bottles should be put upside down on a shelf. The bottles should be boiled before filling for the next feeding. The nipples should be thoroughly washed after each nursing with hot water, and when not in use should soak in borax water in a covered glass; the nipple must be rinsed in boiling water just before the baby uses it.

The nipple with the long rubber tube attachment should never be used; it cannot be kept properly clean; it is a leading cause of illness in babies who use it and in many cities its sale in drug stores is entirely prohibited.

### SLEEP AND QUIET.

Keep the baby quiet. Let it sleep alone and let it sleep much as possible. Lay it on a firm bed, not on feather pillows. Keep the baby and the bed-clothes clean. Change the diaper and the bed-clothes as soon as soiled, and sponge the baby with a soft cloth and cool water. If this is done the baby will not be so restless and will sleep better. Do not give "soothing syrup" to make the baby quiet and do not let the baby hang on the nipple or suck a "baby comforter."

If you have not a physician of your own get a card and take your baby to the City Dispensary or summon in the proper way, the city physician for your district or through the Board of Health Office, secure the services of an infant welfare nurse.

For the baby's sake please preserve these instructions carefully and read them over frequently.

Additional copies can be had upon application at the rooms of the Board of Health, City Hall.

## MORTALITY FOR THE MONTH OF MAY, 1922

,	Endemic or Infectious Diseases.
1	Typhoid fever (abdominal typhoid and para-typhoid)
2	Typhoid fever     Paratyphoid fevers Typhus fever (exanthematous)
2	Relansing fever (spirillum obermel-
4 5	eri) Melito—coccosis (Malta fever) Malarial fever or cachexia.  0. Malarial fever 1. Malarial cachexia
5	0. Malarial fever
6 7	Smanpox
8 9	Measles
10	Whooping cough
11	Complications:
	Complications:  0. Pneumonia 1. Bronchitis 2. Heart diseases 3. Nephritis 4. Meningitis 5. Gastro intestinal 6. Puerperal 7. Others
	3. Nephritis 4. Meningitis
	5. Gastro intestinal 6. Puerperal
	7. Others
12	Mumps
14 15	Asiatic cholera
16	teritis)
	Dysentery  0. Amebic  1. Bacillary
	2. Unspecified or due to other causes
17	0. Bubonic
	1. Pneumonic
18	3. Unspecified
19	Yellow fever Icterohemorrhagica spirochetosis. Leprosy
21	Acute poliomyelitis
23 24	Encephalitis lethargica Epidemic cerebro-spinal meningitis.
25	Other epidemic diseases  0. Varicella
	Other epidemic diseases  0. Varicella  1. Rubella  2. Septic Sore Throat
26 27	2. Septic Sore Throat.  Purulent or septicemic infection Glanders and farcy. Malignant pustule (anthrax) Rabies Tetanus Mycoses Tuberculosis of the respiratory system Tuberculosis of the meninges or of the central nervous system.  Tuberculosis of the intestines or peritoneum Tuberculosis of the yertebral column Tuberculosis of the joints.  Tuberculosis of other organs and structures
28 29	Malignant pustule (anthrax) Rabies
30 31	Tetanus
32	Tuberculosis of the respiratory system
<b>3</b> 3	Tuberculosis of the meninges or of the central nervous system
34	Tuberculosis of the intestines or peritoneum
35 36	Tuberculosis of the vertebral column Tuberculosis of the joints
37	Tuberculosis of other organs and structures  0. Tuberculosis of the skin or
	subcutaneous cellular tissue  1. Tuberculosis of the bones
	(except vertebral column).
	2. Tuberculosis of the lym- phatic system (except the mesenteric and retroper-
	itoneal glands)
	4 Tuberculogic of other events
32	Disseminated tuberculosis
	Disseminated tuberculosis  O. Acute (including miliary tuberculosis of the lungs, except that specified as
	1. Chronic
39	Syphilis (includes syphilic infection
	of the body)
	1. Secondary
	Syphilis (includes syphilic infection of any organ, tissue or structure of the body)  0. Primary  1. Secondary  2. Tertiary  3. Hereditary  4. Period not specified
40	
41	statistics only)
42	the eye or adnexa

	,	
	I.—General Diseases Not Included Above.	1
43	Cancer or other malignant tumors of the buccal cavity  0. Cancer of the lip	
	0. Cancer of the lip	
	1. Cancer of the tongue 2. Cancer of the mouth	
	3. Cancer of the jaw	
44	Cancer or other malignant tumors	
	of the stomach and liver	
	1. Cancer of the esophagus	
	2. Cancer of the stomach	3
	bladder	2
45	Cancer or other malignant tumors of the peritoneum, intestines and	
	o. Cancer of the mesentery and	
	0. Cancer of the mesentery and peritoneum	
	peritoneum 1. Cancer of the intestines (ex-	
	cept rectum)	1
	annus	2
46	Cancer or other malignant tumors	
	of the female genital organs	
	fallopian tubes	
	1. Cancer of the uterus	1
	vulva	
47	annus 3. Others Cancer or other malignant tumors of the female genital organs 0. Cancer of the ovary and fallopian tubes 1. Cancer of the uterus 2. Cancer of the vagina and vulva 3. Others Cancer or other malignant tumors	
	of the breast	
48	Cancer or other malignant tumors of the skin	
49	of the skin	
	0. Cancer of the larynx	
	1. Cancer of the lung and	
	2. Cancer of the pancreas	1
	3. Cancer of the kidneys and	
	4. Cancer of the prostate	i
	6. Cancer of the bladder	1
	Cancer or other malignant tumors of other or unspecified organs  0. Cancer of the larynx  1. Cancer of the lung and pleura  2. Cancer of the pancreas  3. Cancer of the kidneys and suprarenals  4. Cancer of the prostate  5. Cancer of the bladder  6. Cancer of the brain  7. Cancer of the bones (except jaw)	
	jaw)	
	9. Others  Benign tumors and tumors not re-	
80		
	nign or non-specified tumors of	
	0. Tumor of the brain	
	1. Tumor of thorax	
	turned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138).  0. Tumor of the brain  1. Tumor of the brain  2. Tumor of abdomen  3. Tumor of bladder  4. Tumor of prostate  5. Tumor of other location  Acute febrile articular rheumatism Chronic rheumatism or gout  0. Chronic rheumatism or gout	
	4. Tumor of prostate	
51	Acute febrile articular rheumatism	
52	0. Chronic rheumatism or gout	
	1. Chronic gout	
53 54	Pallagra	
55 56	Beri-beri	
57	Dishetes	2 2
58	Anemia, Chlorosis  0. Pernicious anemia 1. Other anemias and chlorosis Diseases of the pituitary gland Diseases of the thyroid gland	1
	1. Other anemias and chlorosis	1
59 60	Diseases of the pituitary gland	
	v. Exophinalmic goitre	
	1. Other diseases of the thyroid gland Diseases of the parathyroid gland. Diseases of the thymus Addison's disease (disease of the adrenals) Diseases of the spleen	
61 62	Diseases of the parathyroid gland	
63	Addison's disease (disease of the	
64	adrenals)	Ì
65	Leukemia and Hodgkin's discours	
	O. Leukemia I. Hodgkin's disease Alcoholism (acute or chronic) Chronic poisoning by mineral sub-	
66	Alcoholism (acute or chronic)	
67	Chronic poisoning by mineral sub- stances	
	O Chronia lead poisoning	
68	Chronic poisoning by organic sub-	
69	1. Others Chronic poisoning by organic substances Other general diseases.	
	1. Amyloid degenerations 2. Autointoxications	
	3. nemophina	
	4. Purpura hemorrhagica 5. Others	2

Ш	.—Diseases, of the Nervous Syst and Organs of Special Sense,	
70	Encephalitis	
71	Meningitis 0. Simple	1
	1. Non-epidemic cerebro - spin-	
72	al meningitis  Progressive locomotor ataxia (tabes dorsalis)  Other diseases of the spinal cord.  0. Bulbar paralysis (Duchenne's disease)  1. Paralysis agitans (Parkinson's disease)  2. Acute ascending spinal paralysis (Landry's disease).  3. Myelitis	
73	Other diseases of the spinal cord	
	0. Bulbar paralysis (Duchen-	
	1. Paralysis agitans (Parkin-	
	2. Acute ascending spinal par-	
	alysis (Landry's disease)	
7 A	3. Myelitis 4. Others Cerebral hemorrhage, apoplexy	
74		5
	1. Cerebral thrombosis and embolism  Paralysis (without specified cause) 0. Hemiplegia 1. Other forms of paralysis General paralysis (of the insane).	1
75	Paralysis (without specified cause)	1
	1. Other forms of paralysis	
76 77	General paralysis (of the insane)	
78	Other forms of mental alienation. Epilepsy Convulsions (non-puerperal) (5 years and over) Infantile convulsions (under five years of age). Chorea  0. Chorea 1. Hysteria and neuralgia	
79	years and over)	
80	Infantile convulsions (under five	2
81	Chorea	4
	1. Hysteria and neuralgia	
82	1. Hysteria and neuralgia 2. Neuritis Softening of the brain Other diseases of the nervous sys-	
83	Other diseases of the nervous sys-	
84	Diseases of the organs of vision and	
	adnexa except gonococcal infec-	
	0. Diseases of the eye (except	
	adnexa except gonococcal infection, No. 42  0. Diseases of the eye (except tumor)  1. Follicular conjunctivitis  2. Trachoma	
	2. Trachoma	
	4. Other diseases of the eye or	
85	Diseases of the organs of hearing	
	2. Trachoma 3. Tumors of the eye 4. Other diseases of the eye or its adnexa Diseases of the organs of hearing and the mastoid process 0. Diseases of the ear 1. Diseases of the mastoid process	
	1. Diseases of the mastoid	1
IV	-Diseases of the Circulatory Syste	_
86	Pericarditis Acute endocarditis and myocarditis	
87	0. Acute endocarditis and myocarditis	1
83	1. Acute myocarditis	1
89	0. Acute endocarditis 1. Acute myocarditis 1. Acute myocarditis 2. Other diseases of the heart 3. Chronic endocarditis 4. Chronic myocarditis 5. Other deposite diseases of	
	1. Chronic myocarditis	8
	the heart	5
90 91	Aneurism Atheroma and other diseases of the arteries Embolism and thrombosis (except	b
	arteries	4
92	cerebral)	
93	Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	
94	Diseases of the lymphatic system	
95	Embolism and thrombosis (except cerebral)	
	culatory system,	
V.—		m.
96	Diseases of the Respiratory System Diseases of the nasal fossae and their adnexa  0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer Bronchitis	
	0. Diseases of the nasal fossae	
97	Diseases of the larynx (except	
98	Bronchitis	
		1
	1. Chronic 2. Not otherwise defined under 5 years of age. 3. Not otherwise defined, 5 years and over Bronch pneumonic (including con-	
	3. Not otherwise defined, 5	3
99	Broncho pneumonia (including can-	
	illary bronchitis)	,
00	Broncho pneumonia (including capillary bronchitis)  O. Broncho pneumonia  Capillary bronchitis	4
00	0. Lobar	3
01	1. Not otherwise specified	
	0. Pleurisy	2
	1. Empyema of thoracic cavity	

Deputy points of the lunar.  100 Emphysman of the lunar.  101 Comparison of the lunar.  102 Diseases of the Digestive System.  103 Diseases of the Bigestive System.  104 Diseases of the much and adhana and street the control of the street the much and adhana and street the much and adhana and street the control of the street the much and adhana and street the control of the street the st	-			
special of the home of the internal of the control	102	Congestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolic acid
1960 Olher Glessage of the receiptagn of the Committee rec	101	orrhage of the lung	nancy	3. Cocaine
160 Employment of the lung.  162 Supplyment of the lung.  163 Supplyment of the lung.  164 Supplyment of the lung.  165 Supplyment of the lung.  166 Supplyment of the lung.  167 Supplyment of the lung.  168 Supplyment of the lung.  169 December of the lung.  160 December of the lung.  161 Supplyment of the lung.  162 Supplyment of the lung.  163 December of the lung.  164 Streptock sees threat.  165 Caparene  166 December of the lung.  167 Supplyment of the lung.  168 Supplyment of the lung.  169 December of the lung.  160 December of the lung.  160 December of the lung.  161 Supplyment of the lung.  162 Supplyment of the lung.  163 Supplyment of the lung.  164 Appendicular and qualities.  165 Caparene  166 December of the lung.  167 Supplyment of the lung.  168 Supplyment of the lung.  169 Other promities of the lung.  160 December of the lung.  161 Supplyment of the lung.  162 Supplyment of the lung.  163 Supplyment of the lung.  164 Supplyment of the lung.  165 Supplyment of the lung.  166 Supplyment of the lung.  167 Supplyment of the lung.  168 Supplyment of the lung.  169 Other december of the lung.  160 December of the lung.  160 December of the lung.  161 Supplyment of the lung.  162 Supplyment of the lung.  163 Supplyment of the lung.  164 Supplyment of the lung.  165 Supplyment of the lung.  166 Supplyment of the lung.  167 Supplyment of the lung.  168 Supplyment of the lung.  169 Other december of the lung.  160 Other december of the lung.  160 Other december of the lung.  161 Supplyment of the lung.  162 Supplyment of the lung.  163 Supplyment of the lung.  164 Supplyment of the lung.  165 Other december of the lung.  166 Supplyment of the lung.  167 Supplyment of the lung.  168 Supplyment of the lung.  169 Other december of the lung.  160 Other december of the lung.  161 Supplyment of t		Gangrene of the lung	144 Puerperal nemorrhage	
100 Chronic interestints of the complexion of th		Emphysema of the lung	0. Cesarian section	6. Wood alcohol
2 Other medium or sudden purposed in the modulation of the modulat		Other diseases of the respiratory	1. Other surgical operations	7. Others
1. Diseases of the michaetts 2. Others VI.—Diseases of the Digestive System. 17. Diseases of the michaetts 18. Diseases of the		system (tuberculosis excepted)	2. Others	178 Conflagration
VI.—Diseases of the Digestive System.  VI.—Diseases of the Digestive System.  VI.—Diseases of the Mark and address.  O Diseases of the State of Color of the State of Color of		nia (including occupational	146 Puerperal septicemia	1/9 Accidental burns and scalds (con-
1.		diseases of the lung)		flagration excepted)
15   Diseases of the Digestive System.				1. Lamps
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abcess, etc.  0. Stricture of the urethra. 1. Others 2. Fractures (cause unspectified) 169 Suicide by drowning 0. Rivers, etc. 1. Others 1. Others 2. Salvarsan lyolence 1. Other external violence 1. Other suicide by firearms 1. Other ovary 1. Suicide by firearms 1. Suicide by firearms 1. Suicide by cutting or piercing instruments 1. Suicide by crushing 1. Other external violence 2. Salvarsan injection 2. Salvarsan injection 2. Salvarsan injection 2. Suicide by cutting or piercing instruments 2. Suicide by crushing 3. Other external violence 2. Salvarsan injection 2. Suicide by crushing 3. Other external violence 4. Other external violence 2. Salvarsan injection 3. Other external violence 4. Other external violence 2. Salvarsan injection 3. Other external violence 4. Other external violence 2. Salvarsan injection 3. Other external violence 4. Other external violence 4. Other external violence 5. Suicide by crushing 6. Other suicides 7. Other external violence 7. Other e	133	Diseases of the urethra, urinary	1. Chloroform	Sprains
134 Diseases of the prostate (except tumors)	.50	abcess, etc		Z. Fractures (cause unspeci-
134 Diseases of the prostate (except tumors) 135 Non-venereal diseases of the male genital organs 136 Cysts and other benign tumors of the ovary 137 Salpingitis or pelvic absecss. 138 Benign tumors of the uterus. 139 Non-puerperal uterine hemorrhage. 140 Metritis 141 Other diseases of the female genital organs 142 Non-puerperal diseases of the breast (cancer excepted)  VIII.—The Puerperal State.  138 Diseases of the prostate (except tumors of the male genital organs 149 Accidents of pregnancy 0. Abortion  150 Rivers, etc. 151 Others 151 Others 152 Suicide by firearms 153 Suicide by cutting or piercing instruments 154 Suicide by jumping from high places 157 Suicide by cutting or piercing instruments 158 Suicide by cutting or piercing instruments 160 Suicide by cutting or piercing instruments 170 Suicide by cutting or piercing instruments 171 Suicide by cutting or piercing instruments 172 Suicide by cutting or piercing instruments 173 Suicide by cutting or piercing instruments 174 Other suicides 175 Other suicides 176 Poisoning by food 177 Other suicides 178 Suicide by cutting or piercing instruments 179 Other suicides 170 Other suicides 171 Suicide by cutting or piercing instruments 170 Other suicides 171 Suicide by cutting or piercing instruments 170 Other suicides 171 Suicide by cutting or piercing instruments 170 Other suicides 171 Suicide by cutting or piercing instruments 171 Suicide by cutting or piercing instruments 172 Suicide by cutting or piercing instruments 175 Suicide by cutting or piercing instruments 175 Suicide by cutting or piercing instruments 177 Suicide by cutting or piercing instruments 170 Other suicides 171 Suicide by cutting or piercing instruments 171 Suicide by cutting or piercing instruments 172 Suicide by cutting or piercing instruments 175 Suicide by cutting or piercing instruments 175 Suicide by cutting or piercing instruments 177 Suicide by cutting or piercing 178 Other suicides 179 Other suicides 179 Other suicides 170 Other suicides 170 Other suicides 170 Other suicides 170 Other		0. Stricture of the urethra	168 Suicide by hanging or strangulation	202 Other external violence
135 Non-venereal diseases of the male genital organs	134	Diseases of the prostate (except	0. Rivers. etc.	0. Criminal abortion
genital organs  136 Cysts and other benign tumors of the ovary  137 Salpingitis or pelvic absecss.  138 Benign tumors of the uterus.  139 Non-puerperal uterine hemorrhage.  140 Metritis  141 Other diseases of the female genital organs.  142 Non-puerperal diseases of the breast (cancer excepted)  VIII.—The Puerperal State.  143 Accidents of pregnancy  0. Abortion  171 Suicide by cutting or piercing instruments  172 Suicide by jumping from high places.  173 Suicide by crushing  174 Suicide by crushing  175 Suicide by crushing  176 Poisoning by food  0. Mushrooms  177 Other suicides.  178 Poisoning by venomous animals.  179 Other acute accidental poisonings  170 Other acute accidental poisonings  170 Ethyl alcohol  171 Suicide by cutting or piercing instruments  172 Suicide by cutting or piercing instruments  173 Violent deaths of which the cause is unknown  178 Suicide by crushing  179 Other suicides  170 Mushrooms  170 Suicide by crushing  170 Other suicides  171 Suicide by crushing  172 Suicide by crushing  173 Violent deaths of which the cause is unknown  175 Suicide by crushing  176 Poisoning by food  177 Other suicides  178 Suicide by crushing  179 Other suicides  170 Mushrooms  170 Suicide by crushing  171 Suicide by crushing  170 Mushrooms  171 Suicide by crushing  172 Suicide by crushing  173 Suicide by crushing  174 Other external violence  203 Violent deaths of which the cause is unknown  204 Sudden death  205 Cause of death not specified or if defined  0. Ill-defined or not specified  1 No disease; malingering  2 Surgical operation  2 Surgical operation  1 No disease; malingering	125	Non-venereal diseases of the male	1. Others	2. Salvarsan injection
136 Cysts and other benign tumors of the ovary	135	genital organs	170 Suicide by firearms	3. Other medicaments (injec-
137 Salpingitis or pelvic absecss 138 Benign tumors of the uterus 139 Non-purperal uterine hemorrhage. 140 Metritis 141 Other diseases of the female genital organs 142 Non-purperal diseases of the breast (cancer excepted)  VIII.—The Purperal State.  143 Accidents of pregnancy  154 Suicide by jumping from high places	136	Cysts and other benign tumors of	struments	4. Other external violence
138 Benign tumors of the uterus. 139 Non-puerperal uterine hemorrhage. 140 Metritis	137	Salpingitis or pelvic absecss	172 Suicide by jumping from high	203 Violent deaths of which the cause
140 Metritis	138	Benign tumors of the uterus	173 Suicide by crushing	is unknown
141 Other diseases of the female genital organs  142 Non-puerperal diseases of the breast (cancer excepted)  15 VIII.—The Puerperal State.  16 Poisoning by venomous animals. 17 Other acute accidental poisonings 0 Abortion  17 Other acute accidental poisonings 0 Ethyl alcohol  18 Sudden death 205 Cause of death not specified or if defined 0 III-defined or not specified 1 No disease; malingering 2 Surgical operation 2 Surgical operation			174 Other suicides	XVIll-Defined Diseases.
organs  1. Shell fish  2. Pork sausages  VIII.—The Puerperal State.  1. Shell fish  2. Pork sausages  3. Others  1. Shell fish  2. Pork sausages  3. Others  176 Poisoning by venomous animals  177 Other acute accidental poisonings  183 Accidents of pregnancy  0. Abortion  184 Sudden death  185 Cause of death not specified or il defined  0. Ill-defined or not specified or il defined  185 Poisoning by venomous animals  195 Poisoning by venomous animals  196 Poisoning by venomous animals  197 Other acute accidental poisonings  198 Surgical operation  198 Sudden death  205 Cause of death not specified or il defined  298 Surgical operation  198 Others  299 Sudden death  200 Cause of death not specified or il defined  299 Surgical operation  200 Sudden death  201 Cause of death not specified or il defined  299 Surgical operation  200 Sudden death  201 Cause of death not specified or il defined  201 Surgical operation  202 Surgical operation  203 Surgical operation		Other diseases of the female genital	0. Mushrooms	
breast (cancer excepted)  VIII.—The Puerperal State.  176 Poisoning by venomous animals. 177 Other acute accidental poisonings (gases excepted)  0. Abortion  3. Others  176 Poisoning by venomous animals. 177 Other acute accidental poisonings (gases excepted)  2. Surgical operation  3. Others  0. Ill-defined or not specified 1. No disease; malingering 2. Surgical operation		organs	1. Shell fish	204 Sudden death
VIII.—The Puerperal State.  176 Poisoning by venomous animals 177 Other acute accidental poisonings 143 Accidents of pregnancy 0. Abortion  178 Poisoning by venomous animals 179 Other acute accidental poisonings 1 No disease; malingering 2 Surgical operation 1 No disease; malingering 2 Surgical operation 3 Surgical operation 4 Surgical operation	142	breast (cancer excepted)	Z. Fork sausages	defined
143 Accidents of pregnancy (gases excepted) 2. Surgical operation			176 Poisoning by venomous animals	0. Ill-defined or not specified
0. Abortion 0. Ethyl alcohol	1/12	_	177 Other acute accidental poisonings	2. Surgical operation
1. Ectopic gestation 1. Bichloride of mercury TOTAL	:43		0. Ethyl alcohol	
			1. Bichloride of mercury	TOTAL 14

### CONTAGIOUS HOSPITAL REPORT FOR MAY, 1922

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonatorum	Pnevmonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Whooping Cough	Influenza Pneumonia	Syphillis	Scarlet Fever and Diphtheria	Meningitis T. B. Scabies	Total
Patients admitted ( Recovery	***			3 6	,	,		4	****	. 6	****	****			****		***	
Termination { Death	****	****		1							****	****	****		****	2	···· ···	. 13

DEATHS	22.00	ACEC
DHATHS	BY	AGES

	Total	Males	Females
Under 1 day	3	3	0 .
1-2 days	4	1	3
2-3 days	1	0	1
3 days-1week	1	0	1
1-2 weeks	1	1	0
2-3 weeks	1	0	1
3 wks-1 month	0	0	()
1-2 months	0	0	0
2-3 months	2	1	1
3-6 months	6	4	2
6-9 months	6	2	4
9-12 months	8	5	3
1 year	5	8	2
2 years	5	3	2
3 years	1	1	0
4 years	2	0	2
5-9 years	2	2	0
10-14 years	2	1	1
15-19 years	5	3	2
20-24 years	в	4	2
25-29 years	4	2	2
30-34 years	3	2	1
35-39 years	4	2	2
40-44 years	6	3	3
45-49 years	7	3	4
50-54 years1	1	5	6
55-59 years1	4	9	5
60-84 years	7	6	1
65 69 years	9	5	4
70-74 years	7	2	5
75-79 years	6	4	2
80-84 years	3	1	2
85-89 years	4	3	1
90-94 years	0	0	0
95-99 years	0	0	0
100 +	0	0	0
Unknown			
Total14	6	81	65

### DEATHS BY WARDS

T	*	•	•	- 6		• •	۰	• •			•		-		 	• •	 ۰	• 1		D 1	 9	• •		e	• •	۰	••	**	•	 	**		 	• •	-		439	3
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### HOSPITALS

City Hospital	15
Union Hospital.	14
St. Anne's Hospital	6
Bay View Hospital	2
Truesdale Hospital	5
Contagious Hospital	2
City Home	6
	_

### STILL BIRTHS

Males11
Females 5
Unknown
Total16

### NATIVITY

Fall River 67
Massachusetts 8
Other States11
Ireland 5
Canada
England15
Scotland
Germany 2
Azores 10
Austria 1
France
Belgium
Russia4
Portugal1
Italy
Poland
Denmark
Australia
Sweden
Spain
Greece
Brazil
Syria 2
Madeira
Norway
Unknown 1

### CEMETERIES

Oak Grove ..

North Burial Ground
St. John's 1
St. Mary's
St. Patrick's
Notre Dame
Nwoo Hill
Agedas Aham 2
Our Lady of Light
Read Cemetery
Sent away for interment
Brought here for interment30
SEX
Male
Female 65
COLOR
White 145
White
Colored
CONDITION
Married45
Single
Widowed27
Divorced1
Unknown
There were 134 cases of contagious diseases
reported for May, viz:
Diphtheria18
Scarlet Fever14
Typhoid Fever
Tuberculosis of Lungs
Tuberculosis, other forms
Whooping Cough11
Measles
Ophthalmia Neonatorum11
Suppurative Conjunctivitis 1
Chicken Pox
Anterior Poliomyelitis
Cerebro-Spinal Meningitis
Pneumonia, Lobar
Mumps
Sentic Sore Throat

The following is the number of contagious diseases reported in each ward:

Influenza.....German Measles.....

1-24 2-14 3-11 4-14 5-19 6-24 7-3 8-13 9-12

Estimating the population at 125,969, 116 deaths would give an annual death rate of 13.91 in 1,000.

This is 6 less than last month and 1 more than the same month in 1921.

FRANK L. LARKIN, Secretary.



WHEREITY OF ILLINOIS L

## MONTHLY 192BULLETIN

OF THE

## BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS.

SAMUEL B. MORRISS, AGENT.

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HEALTH DEPARTMENTS PLEASE EXCHANGE.

VOLUME IX

JULY 1922

NUMBER VII

### MILK

Owing to many of the children of the city and infants under the care of the InfantWelfare Clinics, supervised by the District Nursing Association, having developed Summer Diarrhoea within the last month, from which a few have died, the physicians in charge have advised that all milk used for the next two months particularly that used for infants and children, be boiled before using, irrespective of whether it has been pasteurized or not.

This warning has the approval of the Board of Health for the following reasons:

Milk everywhere at this time of the year is particularly susceptible to the growth of Bacteria and will continue to be so for the next two months.

Diarrhoea and enteritis are responsible for about one third of our infant deaths.

Infantile Paralysis, Typhoid Fever, Tuberculosis and Infectious Diarrhoea are common during the summer months and may be transmitted through milk, so that the precaution of boiling the milk seems a wise one at the present time, in the opinion of the Milk Committee and the Board of Health.

The milk should be actively boiled for at least 3 minutes, and then immediately cooled and kept cold until ready for use.

By this method, all types of germs of bacteria in the milk are killed and they cannot transmit disease.

If the baby is constipated, orange juice, 2 to 8 teaspoons, or the juices of other fresh fruits, may be given once a day, one hour before giving milk.

### FLY ADVICE--By a Layman

"The human fly" so called by the police, crawls up the outside of houses, enters through an upper window, steals what he wants.

How energetically the public would fight that burglar fly if he become numerous.

How indifferent the public is to the common house fly, more dangerous than any burglar. The "human fly" enters houses, but does not leave disease on the food that children eat. He does not crawl with dirty feet over the mouths of sleeping infants.

A mother that would scream with horror if she saw the "human fly" crawl in, goes calmly about her business with dozens of the more dangerous flies doing their work.

Let her think about that, and remember that this spring season is the time to kill the fly, before she gets under way with her breeding work that will mean millions more flies by fall."—

Arthur Brisbane in Dayton Evening Herald.

Use screens for comfort, health and sanitation.

Flies are born in filth, they breed in filth, they carry filth.

While it may be impossible to exterminate flies and mosquitoes, the danger and trouble they cause may be greatly lessened by the proper use of screen doors and window screens.

How much safer and easier it is to keep flies out of your homes by proper screening than to get them out when once they are in.

## MORTALITY FOR THE MONTH OF JUNE, 1922

1	Endemic or Infectious Diseases	i.
1	Typhoid fever (abdominal typhoid	
	and para-typhoid  0. Typhoid fever  1. Paratyphoid fevers	
2	1. Paratyphoid fevers	
3	Typhus fever (exanthematous) Relapsing fever (spirillum obermeieri) Melito—coccosis (Malta fever) Malarial fever or cachexia 0. Malarial fever 1. Malarial cachexia Smallpox Measles	
4	Melito-coccosis (Malta fever)	
5	0. Malarial fever	
6	1. Malarial cachexia	
6 7 8	Measles	
9	Whooping cough	3
10 11	Measles Scarlet fever Whooping cough Diphtheria Influenza	O
	Complications:	1
	3. Nephritis	
	2. Heart diseases 3. Nephritis 4. Meningitis 5. Gastro intestinal 6. Puerneral 6.	
	6. Puerperal	
12 13	Miliary fever	
14	Mumps Asiatic cholera Cholera nostras (choleriform en-	
15		
16	O, Amebic 1. Bacillary 2. Unspecified or due to other causes	
	1. Bacillary	
	causes ,	
17	Plague	
	1. Pneumonic 2. Septicemia	
_	3. Unspecified	
18 19	Yellow fever	
20		
22	Erysipelas Acute poliomyelitis Encephalitis lethargica Epidemic cerebro-spinal meningitis.	
24	Epidemic cerebro-spinal meningitis.	
25	Other epidemic diseases  0 Varicella  1. Rubella  2. Septic Sore Throat	
	1. Rubella	
26 27	Purulent or septicemic infection Glanders and farcy	
28	Malignant pustule (anthrax)	
29 30 31	Rabies Tetanus Mycoses Tuberculosis of the respiratory system Tuberculosis of the meninges or of the central nervous system Tuberculosis of the intestines or peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints. Tuberculosis of other organs and	
31	Tuberculosis of the respiratory sys-	
33	Tuberculosis of the meninges or of	11
34	the central nervous system	1
	peritoneum	1
35 36	Tuberculosis of the vertebrai column Tuberculosis of the joints	1
37	Tuberculosis of other organs and structures	
	0. Tuberculosis of the skin or subcutaneous cellular tissue	
	subcutaneous cellular tissue  1. Tuberculosis of the bones  (event vertebral column)	
	(except vertebral column).  2. Tuberculosis of the lymphatic system (except the	
	mesenteric and retroper-	
	itoneal glands)	
	urinary system	
38	4. Tuberculosis of other organs Disseminated tuberculosis  O. Acute (including military tuberculosis of the lungs, except that specified as	
	berculosis of the lungs, ex-	
	Daniel Of Pullivinary /	1
39	1. Chronic	
-	Syphilis (includes syphilic infection of any organ, tissue or structure of the body)  0. Primary	
	0. Primary	
	2. Tertiary 3. Hereditary 4. Period not specified 5. Soft chapter (used for mobilities)	1
40		
41	statistics only)  Conococcal infection except that of the eye or adnexa	
42	the eye or adnexa	
-		

ION	OF CAUSES OF DEATH, HELD AT	PA
1	I.—General Diseases Not Included	
	Above.	
43	of the buccal cavity	
	Cancer or other mailgnant tumors of the buccal cavity	
44	4. Others	
99	of the stomach and liver	
	O. Cancer of the pharynx  Cancer of the esophagus  Cancer of the stomach  Cancer of the liver and gall bladder  Cancer or other malignant tumors of the perticepum intestings and	
	2. Cancer of the stomach 3. Cancer of the liver and gall	4
AE	bladder	1
40	Cancer or other malignant tumors of the peritoneum, intestines and	
	of the peritoneum, intestines and rectum  0. Cancer of the mesentery and peritoneum  1. Cancer of the intestines (except rectum)  2. Cancer of the rectum and annus  3. Others	
	peritoneum	
	cept rectum)	1
	annus	
46	Cancer or other malignant tumors	
	of the female genital organs  0. Cancer of the ovary and	
	fallopian tubes	3
	2. Cancer of the vagina and	0
	3. Others	
47	Cancer or other malignant tumors of the breast	1
48	Cancer or other malignant tumors	-
49	Cancer or other malignant tumors	
	0. Cancer of the larynx	
	1. Cancer of the lung and pleura	
	2. Cancer of the pancreas 3. Cancer of the kidneys and	
	annus 3. Others Cancer or other malignant tumors of the female genital organs 0. Cancer of the ovary and falloplan tubes 1. Cancer of the uterus. 2. Cancer of the vagina and vulva 3. Others Cancer or other malignant tumors of the breast Cancer or other malignant tumors of the skin Cancer or other malignant tumors of other or unspecified organs 0. Cancer of the larynx 1. Cancer of the lung and pleura 2. Cancer of the pancreas 3. Cancer of the kidneys and suprarenals 4. Cancer of the prostate. 5. Cancer of the bladder. 6. Cancer of the balader. 7. Cancer of the bones (except	
	5. Cancer of the bladder	
	6. Cancer of the brain	
	8. Cancer of the testes	
50	9. Otners	
	Benign tumors and tumors not returned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138).  0. Tumor of the brain.  1. Tumor of thorax  2. Tumor of abdomen  3. Tumor of bladder  4. Tumor of prostate  5. Tumor of other location  Acute febrile articular rheumatism Chronic rheumatism or gout  0. Chronic rheumatism  1. Chronic gout  Scurvy	
	the ovary and uterus-136, 138)	
	1. Tumor of thorax	
	3. Tumor of bladder	1
	5. Tumor of other location	
51 52	Acute febrile articular rheumatism Chronic rheumatism or gout	
	0. Chronic rheumatism	2
53	Scurvy	
54 <b>55</b>	Beri-beri	
56 <b>57</b>	Rickets Diabetes	7
58	Anemia, Chlorosis	1
59	0. Pernicious anemia	
60	Diseases of the thyroid gland	
	Exophthalmic goitre     Other diseases of the thyroid gland	
61	Diseases of the parathyroid gland	
62 63	Diseases of the parathyroid gland. Diseases of the thymus. Addison's disease (disease of the adrenals)	
64	adrenals) Diseases of the spleen Leukemia and Hodgkin's disease	
65	Leukemia and Hodgkin's disease	
66	Leukemia     Hodgkin's disease     Alcoholism (acute or chronic)	
66 67	Chronic poisoning by mineral sub-	
	stances  0. Chronic lead poisoning	
68	stances  0. Chronic lead poisoning  1. Others Chronic poisoning by organic substances other general diseases	
69	stances Other general diseases	
	0. Acidosis	
	2. Autointoxications	
	4. Purpura hemorrhagica	
	5. Others	

		-
Ш	Diseases of the Nervous Syste	m
	and Organs of Special Sense.	
70 71	Meningitis	
	0. Simple	
72	Progressive locomotor stayle (tabes	
73	dorsalis) Other diseases of the spinal cord  O. Bulbar paralysis (Duchen-	
	ne's disease)	
	Paralysis agitans (Parkin- son's disease)      Acute ascending spinal par-	
	alveis (Landry's disease)	
74	3. Myelitis 4. Others Cerebral hemorrhage, apoplexy	2
, ,	0. Cerebral hemorrhage	2
75	Paralysis (without specified cause)  0. Hemiplegia  1. Other forms of paralysis General paralysis (of the inserte)	
70	1. Other forms of paralysis	
76 77	General paralysis (of the insane) Other forms of mental alienation	
78	Epilepsy	1
79 80	General paralysis (of the insane). Other forms of mental alienation. Epilepsy Convulsions (non - puerperal) (5 years and over) Infantile convulsions (under five years of age). Chorea  1. Hysteria and neuralgia 2. Neuritis Softening of the brain Other diseases of the nervous system Diseases of the organs of vision and adnexa except gonococcal infec-	
81	years of age)	
,	0. Chorea	
	2. Neuritis	
83	Other diseases of the nervous sys-	
84	Diseases of the organs of vision and	
	adnexa except gonococcal infec- tion, No. 42	
	tion, No. 42 0. Diseases of the eye (except tumor) 1. Follicular conjunctivitis	
	1. Follicular conjunctivitis 2. Trachoma	
	3. Tumors of the eye	
85	4. Other diseases of the eye or its adnexa.  Diseases of the organs of hearing and the mastoid process.  0. Diseases of the ear.  1. Diseases of the mastoid process	
90	and the mastoid process	
	1. Diseases of the mastoid	1
IV 86		0
87	Pericarditis Acute endocarditis and myocarditis	
200	1. Acute myocarditis	4
88 89	Other diseases of the heart	2
	0. Chronic endocarditis	6
	O. Acute endocarditis  1. Acute myocarditis  1. Acute myocarditis  Other diseases of the heart  O. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of the heart  the heart	0
90 91	Aneurism Atheroma and other diseaser of the	9
92	arteriona and other diseaser of the arteries  Embolism and thrombosis (except	3
93	cerebral)	
94	Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system	
	Diseases of the lymphatic system (lymphangitis, etc.)	
95	(lymphangitis, etc.)	
V	culatory system.  Diseases of the Respiratory System Diseases of the nasal fossae and	
96	Diseases of the nasal fossae and	10
	their adnexa  0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer Bronchitis	
97	Diseases of the larynx (except	
98	tuberculosis and cancer Bronchitis	
		1
	2. Not otherwise defined under	*
	3. Not otherwise defined, 5 years and over Broncho pneumonia (including capillary bronchitis)	
99	Broncho pneumonia (including cap-	
	0. Broncho pneumonia	8
00	illary bronchitis)  0. Broncho pneumonia  1. Capillary bronchitis  Pneumonia	
104	1. Not otherwise specified	3
101	Pleurisy  O. Pleurisy  T. Empyems of thoracic cavity	
	I Empyeme of thoracio contin	

	ats .		
102	Congestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolic acid
103	Gangrene of the lung	nancy	3. Cocaine 4. Lysol
104	Asthma	145 Other accidents of childbirth 0. Cesarian section	5. Opium (morphine) 6. Wood alcohol
105 106	Emphysema of the lung Other diseases of the respiratory	1. Other surgical operations	7. Others
-	system (tuberculosis excepted) 0. Chronic interstitial pneumo-	and instrumental delivery 2. Others	8. Not specified or unknown 178 Conflagration
	nia (including occupational	146 Puerperal septicemia 1	179 Accidental burns and scalds (con-
	diseases of the lung)  1. Diseases of the mediasti-	147 Phlegmasia alba dolens, puerperal embolism or sudden puerperal	flagration excepted)
	num	death	1. Lamps
	2. Others	148 Puerperal albuminuria or convul- sions	2. Steam
	-Diseases of the Digestive System.	149 Childbirth (without other explana-	4. Matches
107	Diseases of the mouth and adnexa.  0. Diseases of the teeth and	tion)	6. Others
	gums	IXDiseases of the Skin or Cellular	7. Unknown
	1. Other diseases of the buccal cavity and adnexa	Tissue.	0. Foreign body in larynx
108	Diseases of the pharynx and tonsils		1. Overlying 2. Others
	(includes adenoids)	151 Gangrene	181 Accidental absorption of irrespir-
	1. Ludwig's angina	153 Phlegmon, acute abscess	able or poisonous gas
	3. Adenoids	154a Tinea and alopecia (morbidity only)	1. Chloroform or ether
109	4. Others Diseases of the esophagus	154b Pruritis (morbidity only)	3. Ammonia lumes
110	Ulcer of the stomach and duode-	adnexa	4. Sewer gas
	0. Ulcer of the stomach	XDiseases of the Bones and Organs	6. Unknown
444	1. Ulcer of the duodenum	of Locomotion.	182 Accidental drowning
111	Other diseases of the stomach (can- cer excepted		1. Others
	0. Indigestion 1 1. Gastritis	156 Diseases of the bones (tubercu- losis excepted)	183 Accidental injury by firearms (wounds of war excepted)
	2. Stricture or stenosis of py-	losis excepted)	184 Accidental injury by cutting or piercing instruments
	lorus	158 Other diseases of the bones or or-	185 Accidental injury by falls
112	3. Others Diarrhea and enteritis (under 2	gans of locomotion	0. Down shafts, hatchways, holds of vessels
113	years of age)	XI.—Malformations.	1. Down stairs
114	over) 1 Ankylostomiasis	159 Congenital malformations (still-	3. From fire-escapes
	Diseases due to other intestinal	births excepted)	4. From scaffolds
	parasites	1. Malformations of the heart 1	6. From vehicles
	liver excepted)	2. Others	7. On streets, sidewalks, etc 9. Other falls
	1. Trematodes	XII.—Diseases of Early Infancy.	186 Accidental traumatism in mines and
	kylostoma)	160 Congenital debility, icterus and sclerema	quarries
	4. Other parasites	0. Marasmus	1. In quarries
116	5. Parasites not specified Appendicitis and typhlitis	1. Inanition	0. Deaths by machinery
117	Hernia, intestinal obstruction	3. Sclerema	1. Deaths by elevators  188 Accidental traumatism by other
	0. Hernia	4. Others	crushing (vehicles, railways,
118	Other diseases of the intestines  0. Diseases of the anus and	labor	landslides, etc.)
	stercoral fistulae  1. Other diseases of the intes-	0. Premature birth 6 1. Injury at birth 1	etc.
	1. Other diseases of the intes- tines	162 Other diseases peculiar to early infancy	2. Run over by other vehicles
119	Acute yellow atrophy of the liver	0. Asphyxia neonatorum,	3. Run over by electric surface cars
120	Hydatid tumor of the liver	1. Atelectasis	4. Run over by steam railroad
	0. Returned as alcoholic 1. Not returned as alcoholic	3. Umbilical hemorrhage 4. Others	5. Run over by elevated rail-
122	Biliary calculi	163 Lack of care	road cars
	Other diseases of the liver 1 Diseases of the pancreas except	XIII.—Old Age.	7. Crushed by falling bodies
	Peritonitis of unstated cause	164 Old age (senility)	8. Crushed by derricks, stones, etc.
126	Other diseases of the digestive	XIV.—External Causes.	9. Other causes
	system (cancer and tuberculosis excepted)	165 Suicide by solid or liquid poisons	190 Wounds received in war
VII	Non-Venereal Diseases of the	(corrosive substances excepted)	191 Executions of civilians by bellig- erent armies
* * * *	Genito-Urinary System and	0. Opium, morphine	192a Excessive labor
	its Adnexa.	3. Others	water)
127	Acute nephritis (including unspeci-	166 Suicide by corrosive substances	193 Excessive cold
	fied under 10 years of age) 1 Chronic nephritis (including un-	0. Arsenic (paris green) 1. Bichloride of mercury	195 Lightning
128	specified over 10 years of age 3	2. Carbolic acid	19/ Homicide by firearms
129	Other diseases of the kidneys and	4. Oxalic acid	198 Homicide by cutting or piercing instruments
100	their adnexa (diseases of the	acid)	199 Homicide by other means
131	kidney in pregnancy excluded) Calculi of the urinary passages, Diseases of the bladder (except	6. Other corrosive poisons 167 Suicide by poisonous gas	than 1 year of age)
132	Diseases of the bladder (except	0. Illuminating gas	201 Fracture (cause not specified)
133	tumors) Diseases of the urethra, urlnary	1. Chloroform	Sprains
	abcess, etc	3. Others	2. Fractures (cause unspecified)
	1. Others	168 Suicide by hanging or strangulation 169 Suicide by drowning	202 Other external violence  0. Criminal abortion
	Diseases of the prostate (except tumors)	0. Rivers, etc. 1. Others	1. Explosions
135	Non-venereal diseases of the male genital organs	170 Suicide by firearms	2. Salvarsan injection
136	Cysts and other benign tumors of	171 Suicide by cutting or piercing instruments	3. Other medicaments (injection)
137	the ovary	172 Suicide by Jumping from high	203 Violent deaths of which the cause
138	Benign tumors of the uterus 1	places 173 Suicide by crushing	is unknown
13 <b>9</b> 140	Non-puerperal uterine hemorrhage. Metritis	174 Other suicides	XV Ill-Defined Diseases.
141	Other diseases of the female genital	0. Mushrooms	204 Sudden death
142	Non-puerperal diseases of the	1. Shell fish	205 Cause of death not specified or ill-
	breast (cancer excepted)	3. Others	defined
4.40	VIII.—The Puerperal State.	177 Other acute accidental poisonings	1. No disease; malingering 2. Surgical operation
143	Accidents of pregnancy	(gases excepted)  0. Ethyl alcohol  1. Bichloride of mercury	
	1. Ectopic gestation	1. Bichloride of mercury	TOTAL 10

### CONTAGIOUS HOSPITAL REPORT FOR JUNE, 1922

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Whooping Cough	Influenza Pneumonia	Syphillis	Scarlet Fever and Diphtheria	Scabies	Total
Patients admitted ( Recovery				11	**** 1	****			****	3 6		2			****			16
Termination { Death				2														2

### DEATHS BY AGES

	Total	Males	Females	
Under 1 day	3	2	1	
1-2 days	2	1	1	
2-3 days	0	0	0	
3 days-1 week	1	0	1	
1-2 weeks	0	0	0	
2-3 weeks	1	1	0	
3 wks-1 month	0	0	0	
1-2 months	0	0	0	
2-3 months	2	1	1	
3-6 months	5	4	1	
6-9 months	2	2	0	
9-12 months	1	1	-0	
1 year	1	- 1	0	
2 years	2	0	2	
3 years	2	2	0	
4 years	1	1	0	
5-9 years	4	2	2	
10-14 years	1	0	1	
15-19 years	4	2	2	
20-24 years	3	1	2	
25-29 years	1	0	1	
30-34 years	5	2	3	
35-39 years	4	3	1	
40-44 years	7	2	5	
45-49 years	2	2	0	
50-54 years	7	4	3	
55-59 years	7	3	4	
60-64 years1	3	2	11	
65 69 years	8	3	5	
70-74 years	8	4	4	
75-79 years	6	3	3	
80-84 years	2	1	1	
85-89 years	3	1	2	
90-94 years	1	0	1	
95-99 years	0	0	0	
100 +	0	0	0	
Unknown	0	0	0	
Total 10		51	58	

### DEATHS BY WARDS

<b>1</b>		29
2		16
3	~ ~ ~ ~	8
4		3
5		9
6		8
7		3
8		19
9		14

### HOSPITALS

City Hospital	7
Union Hospital	
St. Anne's Hospital	
Bay View Hospital	5
Truesdale Hospital	2
Contagious Hospital	2
City Home	3

### STILL BIRTHS

Males 6	
Females 4	
Unknown	
Total10	

NATIVITY
Fall River
Massachusetts 5
Other States
Ireland13
Canada13
England 16
Scotland
Germany
Azores 6
Austria
France
Belgium
Russia 1
Portugal
Italy 1
Poland 1
Denmark
Australia
Sweden
Spain
Greece
Brazil
Syria 1
Madeira
Norway

### CEMETERIES

Oak Grove..

Oak Grove
North Burial Ground 7
St. John's 2
St. Mary's 1 St. Patrick's 32
St. Patrick's 32
Notre Dame 41
Nwoo Hill 1
Agedas Aham
Our Lady of Light 1
Read Cemetery
Cont come for interest of
Sent away for interment
Brought here for interment23
SEX
Male 51
Female 58
remaie 08
COLOR
White109
Colored
Colorea
CONDITION
Married48
Single 40
Widowed 20
Divorced1
Unknown
701 10h
There were 107 cases of contagious diseases
reported for June, viz:
Diphtheria24
Scarlet Fever13
Typhoid Fever
Tuberculesis of Lungs 19
Tuberculosis, other forms
Whooping Cough
Measles 18
Ophthalmia Neonatorum 9
Suppurative Conjunctivitis
Chicken Pox
Antonian Dalianovalitie
Anterior Poliomyelitis
Cerebro-Spinal Meningitis
Pneumonia, Lobar
Mumps         6           Septic Sore Throat         1
Septic Sore Throat 1

The following is the number of contagious diseases reported in each ward:

Influenza......German Measles.....Lethargica Encephalitis....

Malaria...

Syphilis .....

Gonorrhoea .....

1—11 2—16 3—7 4—6 5—26 6—20 7—7 8—5 9—9

Estimating the population at 125,969, 109 deaths would give an annual death rate of 10.38 in 1,000.

This is 37 less than last month and 16 less than the same month in 1921.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

Unknown ..



# MONTHEY BULLETIN

JAN 2 1923 OF THE -

## BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS.

SAMUEL B. MORRISS, AGENT.

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VOLUME IX

AUGUST. 1922

NUMBER VIII

### **GARBAGE**

Because of the unsatisfactory manner in which the garbage was being handled, especially during the months of June and July, the Board of Health was obliged to terminate the contract for the removal of garbage, held by Edward J. Dunn. Bids were called for and a new contract was awarded to Messrs. A. H. Barney and Willard C. Gardner, which went into effect the first of August.

Judging by the fact that the number of complaints received daily is very few, the new contractors are making the three weekly collections of garbage required, regularly. the few complaints being made, the office was of the opinion that our troubles with the garbage were over. But this is not entirely so, as officials of the Street Department report that in some sections of the city, garbage and ashes are being dumped in the same receptacles. This either is because of the carelessness of the tenants or the lack of garbage pails. As a rule, this mixture of garbage and ashes is kept in uncovered receptacles and constitutes foul smelling nuisances, besides being breeding places for flies. Besides, when collections are made by the Street Department and this material is carted to the different dumping places throughout the city, these spots, which at best are apt to be unsightly eyesores, become infested with rats, flies, vermin, etc., and the means of transmitting certain of the infectious diseases.

The mixture of garbage and ashes is prohibited by a regulation of this department, and all cases reported by the Street Department will be investigated by our Inspectors, and unless the property owners and tenants use due care and comply with our regulations, they will be prosecuted. The following is the regulation forbidding the mixture of garbage with ashes,

"Each estate or tenant shall provide sufficient water-tight vessels to contain the swill until it is removed by the garbage collector. Such vessels shall stand in the basement or back yard, where they can easily be reached by the collector, and must be kept covered.

There shall not be deposited with the swill any TIN CANS, BROKEN GLASS OR CROCKERY, OYSTER, OR CLAM SHELLS, OLD SHOES, OLD CLOTHES, RAGS, PAPERS, SWEEPINGS, SAWDUST, LAWN CLIPPINGS, OR ANY POISONOUS SUBSTANCES, which must be kept with the ashes as formerly. Swill containing any of the above mentioned foreign substances, except lobster shells, which may be deposited with the swill, will have to be taken care of by the owners at their own expense, and any person violating this regulation shall be liable to a fine of one hundred dollars."

#### CAUSE AND EFFECT

One day all stewed he drives his car At near a mile a minute. Next day a hearse goes slowly by, And he, poor boob, is in it.

### AVOID TROUBLE

Attention of the Medical Profession is called to the report of George W. Whiteside, Esq., Counsel of the Medical Society of the State of New York, to the following suggestions offered for the protection of physicians, and their relations to the patients: "......In cases of children particularly, although clinical diagnosis may not indicate diphtheria, cultures from the nose and throat should early be taken. Suits have been based upon

diagnosis may not indicate diphtheria, cultures from the nose and throat should early be taken. Suits have been based upon the claim that such cultures were not taken, where fortunately the physician was able to show from the records of the Department of Health the taking of such cultures.

Where diphtheria is present in one child in a family similar cultures may well be made of the other children and members of the family. This practice should at least be advised by the physician to the family and while of doubtless benefit to the family as a precautionary measure may eliminate and prevent the probability of claims against the physician.

The early use of anti-toxin in all diphtheria cases in doses suggested by the health authorities is recommended.

Where intubation is necessary, insist that the patient be in charge of a nurse competent to act when conditions indicate the necessity of reintubation, so that intubationists may be summoned promptly. In the absence of such expert nurse advise hospital treatment.

Advise either patient or family of the probable outcome of the disease or operation where feasible. This may avoid claims against a physician where unsatisfactory results are inevitable in the nature of the case, but through patient's ignorance or otherwise claims against a physician are made."—Buffalo Sanitary Bulletin.

The above advice, although given to the physicians of New Fork State, is applicable to our own medical men. On more than one ocasion, the bulletin of the United States Public Health Service has called attention to decisions of Courts which have found physicians guilty of malpractice when it was proven that they neglected to use diphtheria anti-toxin. A supply of anti-toxin is always kept on hand at this office and can be secured without charge at any hour of the day or night.

If intubation is necessary, and the family is without means to engage an intubationist, arrangements to have this performed may be made by getting in touch with the proper officials of this department at the office or after office hours call 3035 or 4781.

## MORTALITY FOR THE MONTH OF JULY, 1922

I	Endemic or Infectious Diseases.	
1	Typhoid fever (abdominal typhoid	
	and para-typhoid)	1
		1
3	Typhus fever (exanthematous) Relapsing fever (spirillum obermeieri) Melito—coccosis (Malta fever)	
	eri)	
5	Malarial fever or cachexia	
	0. Malarial fever	
6	Melarial fever or cachexia.  Malarial fever or cachexia.  0. Malarial fever 1. Malarial cachexia Smallpox	
7 8	Scarlet fever	
10	Whooping cough	1
11	Measles Scarlet fever Whooping cough Diphtheria Influenza Complications:	-
	Complications: 0. Pneumonia 1. Bronchitis	
	1. Bronchitis	
	3. Nephritis	
	4. Meningitis	
	6. Puerperal	
12	Miliary fever	
13 14	Mumps	
15	Asiatic cholera	
18	Dysentery	
	0. Amebic	
	2. Unspecified or due to other causes	
17	Plague	
* * *	0 Rubonic	
	1. Pneumonic	
40		
18 19	Yellow fever	
20	Leprosy	
21	Acute poliomyelitis	
23	Epidemic cerebro-spinal meningitis	
25	Acute poliomyelitis Encephalitis lethargica Epidemic cerebro-spinal meningitis. Other epidemic diseases  0 Varicella 1. Rubella 2. Septic Sore Throat.	
	1. Rubella	
26	Purulent or septicemic infection	ī
27	Purulent or septicemic infection Glanders and farcy	
28 29	Malignant pustule (anthrax) Rabies	
30 31	Tetanus Mycoses Tuberculosis of the respiratory sys-	1
32	Tuberculosis of the respiratory sys-	7
33	Tuberculosis of the respiratory system	
34	Tuberculosis of the intestines or	
35	peritoneum	
36	Tuberculosis of the joints	
37	Tuberculosis of other organs and structures	
	0. Tuberculosis of the skin or	
	subcutaneous cellular tissue  1. Tuberculosis of the bones  (except vertebre) column	
	(except vertebral column).  2. Tuberculosis of the lymphatic system (except the	
	mesenteric and retroper-	
	itoneal glands)	
	urinary system	
38	4. Tuberculosis of other organs	
	Disseminated tuberculosis  0. Acute (including miliary tuberculosis of the lungs ax-	
	berculosis of the lungs, ex- cept that specified as	
	chronic or pulmonary)  1. Chronic	
39	Syphilis (includes syphilic infection	
	of any organ, tissue or structure of the body)	
	0. Primary 1. Secondary	
	2. Teruary	
	3. Hereditary	1
40	Carlo abanana (anna a dan anna a dan	
41	statistics only)  Gonococcal infection except that of the eye or adnexa  Gonococcal ophthalmia	
42	the eye or adnexa	

I	I.—General Diseases Not Included Above.	
43	Cancer or other malignant tumors of the buccal cavity	
	of the buccal cavity  0. Cancer of the lip	
	1. Cancer of the tongue 2. Cancer of the mouth	
	3. Cancer of the jaw	
44	Cancer or other malignant tumors	
	0. Cancer of the pharynx	
	1. Cancer of the esophagus 2. Cancer of the stomach	1
	3. Cancer of the liver and gall	2
45	Cancer or other malignant tumors	4
	of the peritoneum, intestines and rectum  O. Cancer of the mesentery and	
	0. Cancer of the mesentery and peritoneum	
	1. Cancer of the intestines (ex-	
	peritoneum  1. Cancer of the intestines (except rectum)  2. Cancer of the rectum and annus  Others	
	annus	
46	cancer or other malignant tumors of the female genital organs	
	0. Cancer of the ovary and	
	1. Cancer of the uterus	
	vulva	
47	annus 3. Others Cancer or other malignant tumors of the female genital organs. 0. Cancer of the ovary and fallopian tubes 1. Cancer of the uterus. 2. Cancer of the vagina and vulva 3. Others Cancer or other malignant tumors of the breast Cancer or other malignant tumors of the skin Cancer or other malignant tumors of other or unspecified organs 0. Cancer of the larynx.	
48	of the breast	1
49	of the skin	1
43	of other or unspecified organs	
	0. Cancer of the larynx	
	of other or unspecified organs  0. Cancer of the larynx  1. Cancer of the lung and pleura  2. Cancer of the pancreas  3. Cancer of the kidneys and suprarenals  4. Cancer of the prostate  5. Cancer of the bladder  6. Cancer of the brain  7. Cancer of the bones (except jaw)	1
	3. Cancer of the kidneys and	
	4. Cancer of the prostate	1
	6. Cancer of the bladder 6. Cancer of the brain	
	7. Cancer of the bones (except jaw)	
	8. Cancer of the testes. 9. Others Benign tumors and tumors not returned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138). 0. Tumor of the brain 1. Tumor of thorax. 2. Tumor of abdomen 3. Tumor of bladder 4. Tumor of prostabe. 5. Tumor of other location. Acute febrile articular rheumatism Chronic rheumatism or gout. 0. Chronic rheumatism or gout. 1. Chronic gout Scurvy Pellagra	
50	Benign tumors and tumors not re-	
	nign or non-specified tumors of	
	0. Tumor of the brain	1
	2. Tumor of thorax	
	3. Tumor of bladder	
51	5. Tumor of other location	
52	Chronic rheumatism or gout	
	1. Chronic gout	
53 <b>54</b>	Pellagra	
55 5 <b>6</b>	Berl-berl	
<b>57</b>	Diabetes	8
06	II. Pernicious anemia	3
59	1. Other anemias and chlorosis Diseases of the pituitary gland Diseases of the thyroid gland	
60		
	1. Other diseases of the thy- rold gland Diseases of the parathyrold gland. Diseases of the thymus	
61	Diseases of the parathyroid gland.	
62 63	Addison's disease (disease of the	
64	adrenals) Diseases of the spleen Leukemia and Hodgkin's disease.	
65	Leukemia and Hodgkin's disease  0. Leukemia	
6.6	1 Hodokin's disease	
66 <b>67</b>	Alcoholism (acute or chronic) Chronic poisoning by mineral sub-	
	0. Chronic lead poisoning	
68	o. Chronic lead poisoning Others Chronic poisoning by organic substances Other general diseases.	
69	Stances	
	Acidosis	
	2. Autointoxications	
	4. Purpura hemorrhagica	
	5. Others	

Ш	Diseases of the Nervous Syste	m
	and Organs of Special Sense.	
70 71	Encephalitis	1
	0. Simple 1. Non-epidemic cerebro - spin- al meningitis Progressive locomotor ataxia (tabes	
72	al meningitis	
73	dorsalis) Other diseases of the spinal cord.  0. Bulbar paralysis (Duchen-	
	0. Bulbar paralysis (Duchen- ne's disease)	
	1. Paralysis agitans (Parkin- son's disease)	
	0. Bulbar paralysis (Duchenne's disease)	
	3. Myelitis 4. Others	
74	Cerebral hemorrhage, apoplexy  0. Cerebral hemorrhage  1. Cerebral thrombosis and em-	7
7.5	1. Cerebral thrombosis and em- bolism	
75	bollsm  Paralysis (without specified cause)  0. Hemiplegia  1. Other forms of paralysis  General paralysis (of the insane)	2
76	General paralysis (of the insane).	1
77 78	Other forms of mental alienation.	•
79	Convulsions (non - puerperal) (5	
80	years and over)	
81	years of age)	1
•	0. Chorea	
82	2. Neuritis	,
83	General paralysis (of the insane). Other forms of mental alienation. Epllepsy Convulsions (non - puerperal) (5 years and over) Infantile convulsions (under five years of age). Chorea  1. Hysteria and neuralgia 2. Neuritis Softening of the brain Other diseases of the nervous system	1
84	Diseases of the organs of vision and adnexa except gonococcal infec-	
	tion, No. 42	
	tion, No. 42  0. Diseases of the eye (except tumor)  1. Follicular conjunctivitis	
	2. Tumors of the eve	
	4. Other diseases of the eye or its adnexa	
85	Diseases of the organs of hearing and the mastoid process  0. Diseases of the ear  1. Diseases of the mastoid process	
	0. Diseases of the ear	
	process	
IV 86	Diseases of the Circulatory Syste	200
87	Acute endocarditis and myocarditis	0
88	1. Acute myocarditis	2
89	Angina pectoris Other diseases of the heart O. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of	7
	1. Chronic myocarditis	4
90	the heart	2
91	Aneurism Atheroma and other diseaser of the arteries	5
92	arteries Embolism and thrombosis (except cerebral)	
93	cerebrai) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system	
94	Obseases of the lymphatic system (lymphangitis, etc.)	
95	cause; other diseases of the cir-	
V		
96	Diseases of the Respiratory System Diseases of the nasal fossae and	
	their adnexa  0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer	
97	Diseases of the larynx (except	
98		
	0. Acute 1. Chronic 2. Not otherwise defined under	
20	years and over	
99	illary bronchitis)	
4.0.	3. Not otherwise defined, 5 years and over Broncho pneumonia (including cap- illary bronchitis)  0. Broncho pneumonia 1. Capillary bronchitis Pneumonia	2
100	0. Lobar	2
101	1. Not otherwise specified Pleurisy 0. Pleurisy	
	1. Empyema of thoracic cavity	

102 Congestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolic acid
orrhage of the fung	nancy	3. Cocaine
103 Gangrene of the lung 1	145 Other accidents of childbirth	5. Opium (morphine)
104 Asthma	Cesarian section     Other surgical operations and instrumental delivery	6. Wood alcohol
106 Other diseases of the respiratory	1. Other surgical operations	7. Others
system (tuberculosis excepted)	2. Others	178 Conflagration
0. Chronic interstitial pneumo-	146 Puerperal septicemia	179 Accidental burns and scalds (con-
nia (including occupational diseases of the lung)  1. Diseases of the mediasti-	147 Phlegmasia alba dolens, puerperal	flagration excepted)
1. Diseases of the mediasti-	embolism or sudden puerperal	0. Stoves
num	death	2. Steam
	sions 1	3. Hot fluids
VIDiseases of the Digestive System.	149 Childbirth (without other explana-	4. Matches
107 Diseases of the mouth and adnexa.	tion)	6. Others
0. Diseases of the teeth and		7. Unknown
gums	IX.—Diseases of the Skin or Cellular	180 Accidental mechanical suffocation
1. Other diseases of the buccal cavity and adnexa	Tissue.	0. Foreign body in larynx 1. Overlying
108 Diseases of the pharynx and tonsils		2. Others
(includes adenoids)	151 Gangrene	181 Accidental absorption of irrespir-
0. Streptoccic sore throat	152 Boil, carbuncle, furuncle	able or poisonous gas
1. Ludwig's angina 2. Tonsilitis	154a Tinea and alopecia (morbidity	0. Illuminating gas
3. Adenoids	only)	2. Coal gas
4. Others	154b Pruritis (morbidity only)	3. Ammonia fumes
109 Diseases of the esophagus	165 Other diseases of the skin and its adnexa	4. Sewer gas
110 Ulcer of the stomach and duode- num		6. Unknown
0. Ulcer of the stomach	X.—Diseases of the Bones and Organs	182 Accidental drowning
1. Ulcer of the duodenum 1	of Locamotics	0. Rivers, ponds, etc 8
111 Other diseases of the stomach (can-	of Locomotion.	1. Others by freerma
cer excepted	156 Diseases of the bones (tubercu-	183 Accidental injury by firearms (wounds of war excepted)
1. Gastritis	losis excepted)	184 Accidental injury by cutting or
2. Stricture or stenosis of py-	losis and rheumatism excepted).	piercing instruments
lorus 1	158 Other diseases of the bones or or-	185 Accidental injury by falls  0. Down shafts, hatchways,
3. Others	gans of locomotion	holds of vessels
years of age)	XI.—Malformations.	1. Down stairs
113 Diarrhea and enteritis (2 years and		2. From buildings 1
over) 8	159 Congenital malformations (still-	3. From fire-escapes
114 Ankylostomiasis	births excepted)	4. From scaffolds 2 5. From windows
parasites	1. Malformations of the heart 1	6. From vehicles
parasites	2. Others	7. On streets, sidewalks, etc
liver excepted)	XII Diseases of Early Infancy.	9. Other falls
1. Trematodes		quarries
kylostoma)	160 Congenital debility, icterus and	0. In mines
3 Coccidia	sclerema	1. In quarries 187 Accidental traumatism by machines
4. Other parasites 5. Parasites not specified	1. Inanition	0. Deaths by machinery
116 Appendicitis and typhlitis 2	2. Icterus	1. Deaths by elevators
117 Hernia, intestinal obstruction	3. Sclerema	188 Accidental traumatism by other
0. Hernia 2 1. Intenstinal obstruction 2	4. Others 1 161 Premature birth, or consequence of	crushing (vehicles, railways, landslides, etc.)
118 Other diseases of the intestines	labor	0. Run over by wagons, trucks,
0. Diseases of the anus and	0. Premature birth	etc
stercoral fistulae	1. Injury at birth	<ol> <li>Run over by automobiles 1</li> <li>Run over by other vehicles</li> </ol>
tines	fancy	8. Run over by electric surface
119 Acute vellow atrophy of the liver	0. Asphyxia neonatorum	cars
120 Hydatid tumor of the liver	1. Atelectasis	4. Run over by steam railroad cars
0. Returned as alcoholic	3. Umbilical hemorrhage	5. Run over by elevated rail-
1. Not returned as alcoholic 2	4. Others	road cars
122 Biliary calculi	163 Lack of care	7. Crushed by falling bodies
124 Diseases of the pancreas except	XIII.—Old Age.	6. Run over by subway cars 7. Crushed by falling bodies 8. Crushed by derricks, stones,
cancer	164 Old age (senility)	Θ[C, ,,.,,.,,,
125 Peritonitis of unstated cause 1 126 Other diseases of the digestive		9. Other causes
system (cancer and tuberculosis	XIV.—External Causes.	190 Wounds received in war
excepted)	165 Suicide by solid or liquid poisons	191 Executions of civilians by bellig-
VII.—Non-Venereal Diseases of the	(corrosive substances excepted)  0. Opium, morphine	erent armies
	1. Strychnine	192a Excessive labor
Genito-Urinary System and	2. Chloroform (ether)	water)
its Adnexa.	3. Others	193 Excessive cold
127 Acute nephritis (including unspeci-	166 Suicide by corrosive substances  0. Arsenic (paris green)	194 Excessive heat
fied under 10 years of age) 3	1. Bichloride of mercury	196 Other accidental electric shocks
128 Chronic nephritis (including un-	2. Carbolic acid	197 Homicide by firearms
specified over 10 years of age 4 129 Chyluria	3. Cyanides (prussic acid)	198 Homicide by cutting or piercing in-
129 Chyluria 130 Other diseases of the kidneys and	4. Oxalic acid	struments
their adnexa (diseases of the	acid)	200 Infanticide (murder of infants less
kidney in pregnancy excluded)	6. Other corrosive poisons	than 1 year of age)
131 Calculi of the urinary passages 132 Diseases of the bladder (except	167 Suicide by poisonous gas	201 Fracture (cause not specified)
132 Diseases of the bladder (except	0. Illuminating gas	Dislocations
tumors)	2. Coal gas	2. Fractures (cause unspeci-
abcess, etc	3. Others	fled) 202 Other external violence
1. Others	168 Suicide by hanging or strangulation 169 Suicide by drowning	0. Criminal abortion
134 Diseases of the prostate (except	0. Rivers, etc.	1. Explosions
tumors ) 1	1. Others	2. Salvarsan injection
135 Non-venereal diseases of the male genital organs	170 Suicide by firearms	3. Other medicaments (injec-
136 Cysts and other benign tumors of	171 Suicide by cutting or piercing in- struments	tion)
the ovary	172 Suicide by jumping from high	203 Violent deaths of which the cause
137 Salpingitis or pelvic absecss 1	places 1	is unknown
133 Benign tumors of the uterus 139 Non-puerperal uterine hemorrhage.	173 Suicide by crushing	WHI IN D. O. L. D.
140 Metritis	174 Other suicides	XV.—Ill-Defined Diseases.
141 Other diseases of the female genital	0. Mushrooms	204 Sudden death
organs	1. Shell fish	205 Cause of death not specified or ill-
142 Non-puerperal diseases of the breast (cancer excepted)	2. Pork sausages	defined
	176 Poisoning by venomous animals 177 Other acute accidental poisonings	0. Ill-defined or not specified  1. No disease; malingering
VIII.—The Puerperal State.	177 Other acute accidental poisonings	2. Surgical operation
143 Accidents of pregnancy	(gases excepted)	
1. Ectopic gestation	1. Bichloride of mercury	TOTAL 133
and the second s		

### CONTAGIOUS HOSPITAL REPORT FOR JULY, 1922

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat	Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Whooping Cough	Influenza Pneumonia	Syphillis	Scarlet Fever and Diphtheria	Meningitis T. B.	Total
Patients admitted (Recovery	1	***		2	2 5	****	5		****	4+07	1 6	****				••••		***	. 11 12
Termination { Death	****		****	****			****	****	****	****	***	****	****	***		****			

### DEATHS BY AGES

			ales
	otal	ales	emai
	1	Σ	(ille
Under 1 day	7	5	2
1-2 days	0	0	0
2-3 days	1	1	0
3 days-lweek	0	0	0
1-2 weeks	0	0	_
2-3 weeks	0	0	0
3 wks-1 month	1	1	0
1-2 months	2	1	1
2-3 months	3	3	0
3-6 months	5	1	4
6.9 months	7	5	2
9-12 months	5	3	2
1 year	3	3	0
2 years	3	1	2
3 years	2	2	0
4 years	1	0	1
5-9 years	2	1	1
10-14 years	2	2	0
15-19 years	4	2	2
20-24 years	3	2	1
25-29 years	1	1	0
30-34 years	2	0	2
25-39 years	3	1	2
40-44 years	6	2	4
45-49 years	5	3	2
50-54 years	7	5	2
55-59 years	8	3	5
60-64 years	12	5	7
65 69 years 1	1	5	6
70-74 years	10	4	6
75-79 years	1	5	6
80-84 years	2	2	0
85-89 years	3	0	3
90-94 years	0	0	0
95-99 years	0	0	0
100+	0	0	0
Unknown	1	1	0
Total	33	70	63

### DEATHS BY WARDS

a		20
2	·	12
	B	
4		12
£	5	9
- 6	5	17
- 2	,	3
Ę		33
9	)	14

### HOSPITALS

City Hospital	12
Union Hospital	18
St. Anne's Hospital	6
Bay View Hospital	
Truesdale Hospital	6
Contagious Hospital	
City Home	4

### STILL BIRTHS

Males	4
Females	4
Unknown	1
Total	9

### NATIVITY

Y Y Y Y Y Y Y Y Y	
Fall River	58
Massachusetts	ð
Other States	
Ireland	14
Canada	14
England	14
Scotland	
Germany	
Azores	8
Austria	
France	
Belgium	
Russia	3
Portugal	
Italy	
Poland	1
Denmark	
Australia	
Sweden	
Spain	
Greece	
Brazil	1
Syria	1
Madeira	
Norway	
Unknown	2

### CEMETERIES

CEMETERIES
Oak Grove19
North Burial Ground 5
St. John's 4
St. Marv's
St. Mary's
Notre Dame 53
Nwoo Hill
Agedas Aham 2
Our Lady of Light
Ponnott
Bennett 1 Sent away for interment 11
Bent away for interment
Brought here for interment30
SEX
Male 70
Female 63
COLOR
White133
Colored
CONDITION
Married38
Single
Widowed28
Divorced
Divorced
Divorced Unknown  There were 125 cases of contagious diseases reported for July, viz:  Diphtheria 7 Scarlet Fever 8 Typhoid Fever 7 Tuberculosis of Langs 25 Tuberculosis, other forms 4 Whooping Cough 10 Measles 42 Ophthalmia Neonatorum 44
Divorced Unknown  There were 125 cases of contagious diseases reported for July, viz: Diphtheria 7 Scarlet Fever 8 Typhoid Fever 7 Tuberculosis of Langs 25 Tuberculosis, other forms 4 Whooping Cough 10 Measles 42 Ophthalmia Neonatorum 4 Suppurative Conjunctivitis
Divorced
Divorced
Divorced
Divorced Unknown  There were 125 cases of contagious diseases reported for July, viz:  Diphtheria 7 Scarlet Fever 8 Typhoid Fever 7 Tuberculosis of Langs 25 Tuberculosis, other forms 4 Whooping Cough 10 Measles 42 Ophthalmia Neonatorum 4 Suppurative Conjunctivitis Chicken Pox 3 Anterior Poliomyelitis 1 Cerebro-Spinal Meningitis 1 Pneumonia, Lobar 4
Divorced
Divorced Unknown  There were 125 cases of contagious diseases reported for July, viz:  Diphtheria 7 Scarlet Fever 8 Typhoid Fever 7 Tuberculosis of Langs 25 Tuberculosis, other forms 4 Whooping Cough 10 Measles 42 Ophthalmia Neonatorum 4 Suppurative Conjunctivitis Chicken Pox 3 Anterior Poliomyelitis 1 Pneumonia, Lobar 4 Tetanus 1 Septic Sore Throat 2 Trachoma 1 German Measles 1 Lethargica Encephalitis
Divorced
Divorced Unknown  There were 125 cases of contagious diseases reported for July, viz:  Diphtheria 7 Scarlet Fever 8 Typhoid Fever 7 Tuberculosis of Langs 25 Tuberculosis, other forms 4 Whooping Cough 10 Measles 42 Ophthalmia Neonatorum 4 Suppurative Conjunctivitis Chicken Pox 3 Anterior Poliomyelitis 1 Pneumonia, Lobar 4 Tetanus 1 Septic Sore Throat 2 Trachoma 1 German Measles 1 Lethargica Encephalitis

The following is the number of contagious diseases reported in each ward:

1-16 2-14 8-9 4-8 5-30 6-29 7-4 8-7 9-8

Estimating the population at 128,487, 133 deaths would give an annual death rate of 12.42 in 1,000.

This is 24 more than last month and 5 less than the same month in 1921.

FRANK L. LARKIN, Secretary.



## MONTHLY BULLETIN

- OF THE-

## BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS.

SAMUEL B. MORRISS, AGENT.

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VOLUME IX

SEPTEMBER, 1922

NUMBER IX

## MEDICAL INSPECTION OF SCHOOLS

Shortly before the close of school for the summer vacation, changes in the system of follow up work among children found by the Medical Inspectors of Schools to be suffering from abnormalities or defects were tried. This was made possible by the increase in our nursing force. The trial proved so satisfactory that it was decided to follow the same plan upon the re-opening of schools. In order to get the best results, the Agent of the Board held a conference with the eight Medical Inspectors of Schools and explained to them the plan and requested their co-operation.

The rules of the Board require that the Medical Inspectors make a physical examination of each child in their districts once a year, and that they visit each school assigned to them weekly and make such examinations as may be necessary. The objects of the medical inspection of schools are: identification of all school children requiring medical care, prompt exclusion from school of all children suffering from communicable diseases and detection of defects, diseases or abnormalities.

When a child is found to be ill or suffering from defects or abnormalities, a card is filled out by the Medical Inspector and given to the child to be taken home to its parent or guardian. This card is a notification of the discovery of the disease or abnormality and advises that the necessary competent medical, surgical or dental treatment be secured. Two coupons attached to this card are also filled out at the time, and retained at the school, one for record and the other until two weeks have elapsed, when it is to be returned to the office of the Board of Health with an endorsement on the back to show what treatment if any has been secured, or "no treatment" if the advice has been ignored. In addition, should the disease be communicable or the child be excluded from school, immediate notice is sent to the Board of Health by mail.

Originally these coupons were sent to the School Administration Headquarters by the School Principals and from there to the Board of Health office, delivery in both cases being made by the Attendance Officers of the School Department. That this system was not satisfactory was shown by the discrepancy in the number of coupons received at this office and the number of children shown in the quarterly reports of the Inspectors to be affected with defects, etc. Because of the number of hands these coupons passed through, it was very difficult to locate the cause of the discrepancy and to trace who was at fault, as the Medical Inspectors claimed that cards were made out for each pupil found by them to be suffering from diseases or abnormalities requiring treatment, and the teachers and attendance officers were as positive that all cards they received were forwarded to this office.

By the new arrangement, Miss Sadie E. McCarty, R. N., is made supervisor of School Nurses and the other three nurses have been assigned to districts. The latter will each visit the schools in their districts weekly and receive the coupons from the school principals, and see that they are properly endorsed. They will then follow up all cases in which no treatment has been received and by visiting the homes of the children and advising with the parents, try to have the children get the necessary care. In all the cases the nurse will advise that the child be taken to the family physician or dentist, but if the family are unable to pay for the services they will be referred to the appropriate Clinic at either the City Hospital or the Union Hospital.

Many a child, who is considered backward and stupid and a source of trouble both at school and at home, is so because of some defect or abnormality. In the past, although the parent was notified of the existence of such defect or abnormality, only in rare cases was its seriousness realized, and the necessary treatment secured But now that we are able to do more follow-up work, at least one visit will be made to the home of each child referred by the Medical Inspectors of Schools. The nurse in a friendly interested way will explain to the parent the nature of the condition existing and the necessity of treatment and the beneficial results which the treatment will insure. For the short time this plan was in effect, previous to the summer vacation, the results were gratifying and indicate the greater results that we may expect in the future.

### YOU ASK ME WHO I AM AND I SHALL TELL YOU.

I am the cheapest thing in the world.

I am the Secret of Happiness. Without me the years are but a menace; old age a tragedy.

I offer myself to you and you do not heed. I bide my time. Tomorrow you will come begging, but I shall turn aside. I can not—I will not—be ignored.

I hold your future in the hollow of my hand.

I can make of you what I will. I am the Door of Opportunity—the Open Road to the Fairyland of Dreams.

I am the most important thing in the world—the one thing without which all else is impossible.

You ask me who I am and I shall tell you:

I am GOOD HEALTH.

-Exchange.

## MORTALITY FOR THE MONTH OF AUGUST, 1922

INTERNATIONAL LIST OF CAUSES OF DEATH, AS ADOPTED AT THE THIRD INTERNATIONAL CONGRESS FOR THE REVISION OF THE CLASSIFICATION OF CAUSES OF DEATH, HELD AT PARIS, OCTOBER, 1920.

1.	-Endemic or Infectious Diseases	•
1	and para-typhoid  O. Typhoid fever  Paratyphoid fever  Paratyphoid fever  Arrange fever (eventhematous)	
2	Typhus fever (exanthematous) Relapsing fever (spirillum obermei-	
4 5	Relapsing fever (spirillum obermeleri) Melito—coccosis (Malta fever) Malarial fever or cachexia	
	Melito—coccosis (marka isoc) Malarial fever or cachexia  0. Malarial fever  1. Malarial cachexia  Smallpox	
6 7 8	Weasies	1
9 10 11	Whooping cough Diphtheria Influenza	1
	Complications: 0. Pneumonia	
	2. Heart diseases	
	5. Gastro intestinal 6. Puerperal	
12 13	Arthur donor	
14 15	Mulmary lever Mumps Asiatic cholera Cholera nostras (choleriform enteritis) Dysentery  0. Amebic 1. Bacillary 2. Unspecified or due to other causes	
16	Dysentery	
	2. Unspecified or due to other causes	
17	Placia	
	1. Pneumonic	
18	3. Unspecified	
19 20 21	Leprosy Erysipelas	1
22	Aoute poliomyelitis Encephalitis lethargica	1
24 25	Epidemic cerebro-spinal meninguis. Other epidemic diseases  0 Varicella	1
	Yellow fever Ictero-hemorrhagica spirochetosis. Leprosy Erysipelas Acute poliomyelitis Encephalitis lethargica Epidemic cerebro-spinal meningitis. Other epidemic diseases 0. Varicella 1. Rubella 2. Septic Sore Throat.	
26 27 28	Purulent or septicemic infection Glanders and farcy Malignant pustule (anthrax) Rabies	
29 30	Rabies	
31 32	Tetanus  Mycoses Tuberculosis of the respiratory system  Tuberculosis of the meninges or of the central nervous system  Tuberculosis of the intestines or	4
33	Tuberculosis of the meninges or of the central nervous system	1
34	Tubercurous of the	1
35 36 37	Tuberculosis of the vertebral column Tuberculosis of the joints Tuberculosis of other organs and	
	o. Tuberculosis of the skin or	
	subcutaneous cellular tissue  1. Tuberculosis of the bones (except vertebral column).	
	2. Tuberculosis of the lym- phatic system (except the	
	itoneal glands)  3. Tuberculosis of the genito- urinary system	
118	4. Tuberculosis of other organs	
10-0	Disseminated tuberculosis  0. Acute (including miliary tuberculosis of the lungs, except that specified as	
	chronic or pulmonary)	
39	Synhilis (includes syphilic infection	
	of any organ, tissue or structure of the body)	
	1. Secondary	
40	3. Hereditary	
40	Soft chancre (used for morbidity statistics only)	
41	the eye or adnexa	

I	I.—General Diseases Not Included Above.	ı
43	Cancer or other malignant tumors	
44	Cancer or other malignant tumors of the buccal cavity  0. Cancer of the lip	1
	of the stomach and liver  0. Cancer of the pharynx  1. Cancer of the esophagus  2. Cancer of the stomach  3. Cancer of the liver and gall	3
45	of the peritoneum, intestines and	2
	0. Cancer of the mesentery and peritoneum 1. Cancer of the intestines (except rectum)	
	cept rectum)	4
46	2. Cancer of the rectum and annus	1
40	of the female genital organs	
	annus 3. Others Cancer or other malignant tumors of the female genital organs 0. Cancer of the ovary and fallopian tubes 1. Cancer of the uterus 2. Cancer of the vagina and vulva 3. Others Cancer or other malignant tumors of the breast Cancer or other malignant tumors of the skin Cancer or other malignant tumors of other or unspecified organs 0. Cancer of the larynx 1. Cancer of the lung and pleura 2. Cancer of the papercess	4
47	Cancer or other malignant tumors	,
48	Cancer or other malignant tumors	1
49	Cancer or other malignant tumors of other or unspecified organs	
	3. Cancer of the kidneys and suprarenals	1
	jaw)	1
50	Benign tumors and tumors not returned as malignant (except benign or non-specified tumors of	
	7. Cancer of the bones (except jaw)  8. Cancer of the testes	
51 52	Acute febrile articular rheumatism Chronic rheumatism or gout	
53	1. Chronic gout	
54 55	Pellagra Beri-beri	
56 57	Rickets Diabetes Anemia, Chlorosis	3
58	0. Pernicious anemia	
59 60	O. Pernicious anemia Other anemias and chiorosis Diseases of the pituitary gland  Diseases of the thyroid gland O. Exophthalmic goitre	
	1. Other diseases of the thy- roid gland	
61 62 63	1. Other diseases of the thyroid gland	
64	adrenals) Diseases of the spleen Leukemia and Hodgkin's disease.	
65	Leukemia and Hodgkin's disease  0. Leukemia  1. Hodgkin's disease	
66 67	O. Leukemia  O. Leukemia  Hodgkin's disease Alcoholism (acute or chronic) Chronic poisoning by mineral substances O. Chronic lead poisoning Others Chronic poisoning by organic substances Other general diseases  O. Acideois	
68	1. Others Chronic poisoning by organic sub-	
69	v. Actions	
	1. Amyloid degenerations 2. Autointoxications	
	4. Purpura hemorrhagica	
	5. Others	

Ш	.—Diseases of the Nervous Systemand Organs of Special Sense.	em
70 71	Encephalitis	
71	Meningitis 0. Simple	1
	1. Non-epidemic cerebro - spin- al meningitis	
72	Progressive locomotor ataxia (tabes dorsalis)	
73	Meningitis 0. Simple 1. Non-epidemic cerebro - spin- al meningitis Progressive locomotor ataxia (tabes dorsalis) Other diseases of the spinal cord. 0. Bulbar paralysis (Duchen- ne's disease) 1. Paralysis agitans (Parkin- son's disease) 2. Acute ascending spinal par- alysis (Landry's disease). 3. Myelitis 4. Others	
	ne's disease)	
	son's disease)	
	alysis (Landry's disease)	
7.4	4. Others	
74	Cerebral hemorrhage, apoplexy  0. Cerebral hemorrhage	10
	1. Cerebral thrombosis and embolism	
75	Paralysis (without specified cause) 0. Hemiplegia 1. Other forms of paralysis. General paralysis (of the insane). Other forms of mental alteration	1
76	1. Other forms of paralysis General paralysis (of the insane)	1
77 78	Other forms of mental alienation.	-
79	Convulsions (non - puerperal) (5	
80	Infantile convulsions (under five	
81	chorea	
	0. Chorea	
82	2. Neuritis	1
83	General paralysis (of the insane). Other forms of mental alienation. Epilepsy Convulsions (non-puerperal) (5 years and over) Infantile convulsions (under five years of age). Chorea 0. Chorea 1. Hysteria and neuralgia 2. Neuritis Softening of the brain Other diseases of the nervous system	
84	Diseases of the organs of vision and	
	adnexa except gonococcal infec- tion, No. 42	
	tumor)	
	1. Follicular conjunctivitis 2. Trachoma	
	A Other discourse of the eve on	
85	its adnexa	
	and the mostaid masses	
	0. Diseases of the ear	
	0. Diseases of the ear	
IV	Diseases of the organs of hearing and the mastoid process  0. Diseases of the ear  1. Diseases of the mastoid process  —Diseases of the Tirculatory Systems	m
86	-Diseases of the Circulatory System Pericarditis	ma
	Diseases of the Circulatory System Pericarditis Acute endocarditis and myocarditis O. Acute endocarditis	ma
86 87 88	Diseases of the Circulatory System Pericarditis Acute endocarditis and myocarditis O. Acute endocarditis	2 2
86 87	Diseases of the Circulatory System Pericarditis Acute endocarditis and myocarditis O. Acute endocarditis	2 2
86 87 88	Diseases of the Circulatory System Pericarditis Acute endocarditis and myocarditis O. Acute endocarditis	2
86 87 88	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart	2 2
86 87 88 89 90 91	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Anerism Atheroma and other disease of the	2 2 5 5
86 87 88 89	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis and myocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except	2 2 5
86 87 88 89 90 91	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis and myocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except	2 2 5 5
86 87 88 89 90 91 92	Diseases of the Circulatory Syste Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseases of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phiebitis, etc.) Diseases of the lymphatic system	2 2 5 5
86 87 88 89 90 91 92 93	Diseases of the Circulatory Syste Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseases of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phiebitis, etc.) Diseases of the lymphatic system	2 2 5 5
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86 87 88 89 90 91 92 93 94	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis and myocarditis 1. Acute myocarditis 1. Acute myocarditis 2. Other diseases of the heart 1. Chronic endocarditis 2. Other chronic diseases of the heart 4. Chronic myocarditis 2. Other chronic diseases of the heart 4. Aneurism Atheroma and other diseaser of the arteries 5. Embolism and thrombosis (except cerebral) 6. Diseases of the veins (varices, hemorrhoids, phiebitis, etc.) 7. Diseases of the lymphatic system (lymphangitis, etc.) 8. Hemorrhage without determined cause; other diseases of the circulatory system 8. Diseases of the Respiratory System 8. Diseases of the pasel forces	2 2 5 5 4
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86 87 88 89 90 91 92 93 94 95 V.—96	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis 1. Acute myocarditis 2. Acute myocarditis 1. Chronic endocarditis 1. Chronic endocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseases of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phiebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system Diseases of the Respiratory Syste Diseases of the Rasal fossae and their adnexa 0. Diseases of the larynx (except tuberculosis and cancer Bronchitis 0. Acute 1. Chronic 2. Not otherwise defined under	2 2 5 5 4
86 87 88 89 90 91 92 93 94 95 V.—96	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis 1. Acute myocarditis 2. Acute myocarditis 1. Chronic endocarditis 1. Chronic endocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseases of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phiebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system Diseases of the Respiratory Syste Diseases of the Rasal fossae and their adnexa 0. Diseases of the larynx (except tuberculosis and cancer Bronchitis 0. Acute 1. Chronic 2. Not otherwise defined under	2 2 5 5 4
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90 91 92 93 94 95 V.— 96	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis 1. Acute myocarditis 2. Acute myocarditis 1. Chronic endocarditis 1. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseases of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Diseases of the Respiratory System Coulatory system Diseases of the Respiratory System Diseases of the Respiratory System Diseases of the larynx (except culatory system) Diseases of the larynx (except tuberculosis and cancer Bronchitis 0. Acute 1. Chronic 2. Not otherwise defined under 5 years of age. 3. Not otherwise defined, 5 years and over Broncho pneumonia (including capillary bronchitis) 0. Broncho pneumonia 1. Capillary bronchitis	2 2 5 5 4
86 87 88 89 90 91 92 93 94 95 V.—96	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis 1. Acute myocarditis 1. Acute myocarditis 2. Other diseases of the heart 1. Chronic endocarditis 1. Chronic myocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseases of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phiebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system.  Diseases of the Respiratory Syste Diseases of the Respiratory Syste Diseases of the Rasal fossae and their adnexa 0. Diseases of the harynx (except tuberculosis and cancer Bronchitis 0. Acute 1. Chronic 2. Not otherwise defined under 5 years of age. 3. Not otherwise defined, 5 years and over Broncho pneumonia (including capillary bronchitis) 0. Broncho pneumonia 1. Capillary bronchitis Pneumonia 0. Lobar 1. Not otherwise specified	2 2 5 5 4
86 87 88 89 90 91 92 93 94 95 V.—96	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis 1. Acute myocarditis 1. Acute myocarditis 2. Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart Anteroma and other diseases of the arteries Embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phiebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system.  Diseases of the Respiratory Syste Diseases of the Respiratory Syste Diseases of the larynx (except tuberculosis and cancer Emonchitis 0. Acute 1. Chronic 2. Not otherwise defined under 5 years of age. Broncho pneumonia (including capillary bronchitis) 0. Broncho pneumonia 1. Capillary bronchitis Pneumonia 0. Lobar	2 2 5 5 4

102	Congestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolic acid
103	Gangrene of the lung	nancy	3. Cocaine
104	Asthma 1	145 Other accidents of childbirth	5. Opium (morphine) 6. Wood alcohol
105 106	Emphysema of the lung Other diseases of the respiratory	0. Cesarian section	7. Others
	system (tuberculosis excepted)  0. Chronic interstitial pneumo-	and instrumental delivery.  2. Others	8. Not specified or unknown
	nia (including occupational	146 Puerperal septicemia	179 Accidental burns and scalds (con- flagration excepted)
	diseases of the lung)  1. Diseases of the mediasti-	147 Phlegmasia alba dolens, puerperal embolism or sudden puerperal	0. Stoves
	num	death 1 148 Puerperal albuminuria or convul-	1. Lamps
3.73		sions	3. Hot fluids
	—Diseases of the Digestive System.	149 Childbirth (without other explana- tion)	5. Bonfires
107	Diseases of the mouth and adnexa.  0. Diseases of the teeth and	150 Puerperal diseases of the breast	6. Others
	gums 1. Other diseases of the buccal	IX.—Diseases of the Skin or Cellular	180 Accidental mechanical suffocation  0. Foreign body in larynx
100	cavity and adnexa	Tissue.	1. Overlying
108	Diseases of the pharynx and tonsils (includes adenoids)	151 Gangrene	2. Others
	0. Streptoccic sore throat 1. Ludwig's angina	152 Boil, carbuncle, furuncle	able or poisonous gas
	2. Tonsilitis	154a Tinea and alopecia (morbidity only)	1. Chloroform or ether
400	4. Others	154b Pruritis (morbidity only)	2. Coal gas
110	Diseases of the esophagus Ulcer of the stomach and duode-	155 Other diseases of the skin and its adnexa	4. Sewer gas
	num 0. Ulcer of the stomach	XDiseases of the Bones and Organs	6. Unknown
	1. Ulcer of the duodenum		182 Accidental drowning
111	Other diseases of the stomach (can- cer excepted	of Locomotion.	1. Others
	0. Indigestion	156 Diseases of the bones (tubercu- losis excepted)	(wounds of war excepted) 184 Accidental injury by cutting or
	2. Stricture or stenosis of py-	157 Diseases of the joints (tubercu- losis and rheumatism excepted)	piercing instruments
	lorus	158 Other diseases of the bones or or-	185 Accidental injury by falls  0. Down shafts, hatchways,
112	3. Others Diarrhea and enteritis (under 2 years of age)	gans of locomotion	holds of vessels
113	Diarrhea and enteritis (2 years and	XI.—Malformations.	1. Down stairs
114	over) 1 Ankylostomiasis	159 Congenital malformations (still- births excepted)	3. From fire-escapes
115	Diseases due to other intestinal	0. Hydrocephalus	5. From windows
	parasites	1. Malformations of the heart 2. Others	7. On streets, sidewalks, etc 9. Other falls
	1. Trematodes	XII.—Diseases of Early Infancy.	9. Other falls
	2. Nematodes (other than ankylostoma)	160 Congenital debility, icterus and	quarries
	3. Coccidia	sclerema	1. In quarries
	4. Other parasites	0. Marasmus	187 Accidental traumatism by machines 0. Deaths by machinery
116 117	Appendicitis and typhlitis 6 Hernia, intestinal obstruction	2. leterus 1 3. Selerema	1. Deaths by elevators  185 Accidental traumatism by other
	0. Hernia 1 1. Intenstinal obstruction 2	4. Others 1 161 Premature birth, or consequence of	crushing (vehicles, railways,
118	Other diseases of the intestines	labor	landslides, etc.)
	0. Diseases of the anus and stercoral fistulae	0. Premature birth	etc. 1. Run over by automobiles
	1. Other diseases of the intes-	162 Other diseases peculiar to early infancy	2. Run over by other vehicles
119	Acute yellow atrophy of the liver	0. Asphyxia neonatorum 2	3. Run over by electric surface
120	Hydatid tumor of the liver	1. Atelectasis	4. Run over by steam railroad
	0. Returned as alcoholic 1. Not returned as alcoholic	3. Umbilical hemorrhage 4. Others	5. Run over by elevated rail- road cars
122		163 Lack of care	6. Run over by subway cars 7. Crushed by falling bodies
123 124	Diseases of the pancreas except	XIII.—Old Age.	8. Crushed by derricks, stones,
125	cancer Peritonitis of unstated cause	164 Old age (senility) 1	etc
126	Other diseases of the digestive system (cancer and tuberculosis	XIV.—External Causes.	189 Injuries by animals (not poisoning) 190 Wounds received in war
	excepted)	165 Suicide by solid or liquid poisons	191 Executions of civilians by bellig-
VII	Non-Venereal Diseases of the	(corrosive substances excepted)  0. Opium, morphine	erent armies
	Genito-Urinary System and	1. Strychnine	192b Starvation (deprivation of food or water)
	its Adnexa.	3. Others	193 Excessive cold
127	Acute nephritis (including unspeci- fied under 10 years of age)	0. Arsenic (paris green)	195 Lightning
128	Chronic nephritis (including un-	1. Bichloride of mercury 2. Carbolic acid	19/ Homicide by hrearms
129	specified over 10 years of age 8 Chyluria Other diseases of the kidneys and	3. Cyanides (prussic acid) 4. Oxalic acid	198 Homicide by cutting or piercing instruments
130	Other diseases of the kidneys and their adnexa (diseases of the	4. Oxalic acid	199 Homicide by other means
404	kidney in pregnancy excluded) 1 Calculi of the urinary passages	acid)	200 Infanticide (murder of infants less than 1 year of age)
131 132	Diseases of the bladder (except	167 Suicide by poisonous gas  0. Illuminating gas	201 Fracture (cause not specified)
133	tumors)	1. Chloroform	Sprains
	abcess, etc	3. Others	fled)
404	1. Others	168 Suicide by hanging or strangulation 169 Suicide by drowning	202 Other external violence  0. Criminal abortion
	Diseases of the prostate (except tumors)	0. Rivers, etc	1. Explosions 2. Salvarsan injection
135	Non-venereal diseases of the male	170 Suicide by firearms	3. Other medicaments (injection)
136	genital organs  Cysts and other benign tumors of the ovary	struments	4. Other external violence
137	Salpingitis or pelvic absecss	172 Suicide by jumping from high places	203 Violent deaths of which the cause is unknown
138 139		173 Suicide by crushing	
140 141	Metritis	175 Poisoning by food	XV.—Ill-Defined Diseases.
	organs	0. Mushrooms 1. Shell fish 2. Pork sausages	204 Sudden death
142	Non-puerperal diseases of the breast (cancer excepted)	3. Others	205 Cause of death not specified or ill- defined
	VIII.—The Puerperal State.	176 Poisoning by venomous animals 177 Other acute accidental poisonings	1. No disease; malingering
143	Accidents of pregnancy	(gases excepted)	2. Surgical operation
	0. Abortion	0. Ethyl alcohol 1 1. Bichloride of mercury	TOTAL 15
		h .	

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### CONTAGIOUS HOSPITAL REPORT FOR AUGUST, 1922

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat	Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German -Measles	Typhoid Fever	Whooping Cough	Influenza Pneumonia Syphillis	Scarlet Fever and Diphtheria	Meningitis T. B. Scabies	Total
Patients admitted Termination { Recovery Death	6 1	1		1	1	****	1 5 	1 1 	1	****	3 1 		2	••••	0000			15 11 1

### DEATHS BY AGES

	Total	Males	Female	
Under 1 day	6	2	4	
1-2 days	0	0	0	
2-3 days	1	1	0	
3 days-1 week	1	0	1	
1-2 weeks	0	0	0	
2-3 weeks	2	2	0	
3 wks-1 month	1	0	1	
1-2 months	4	1	3	
2-3 months	0	0	0	
3-6 months	9	7	2	
6-9 months	9	3	6	
9-12 months	6	2	4	
1 year	5	4	1	
2 years	4	1	3	
3 years	3	2	1	
4 years	2	1	1	
5-9 years	2	2	0	
10-14 years	õ	3	2	
15-19 years	3	2	1	
20-24 years	0	0	0	
25-29 years	5	2	3	
30-34 years	3	0	3	
35-39 years	3	2	1	
40-44 years	4	2	2	
45-49 years	9	2	7	
50-54 years	9	4	5	
55-59 years	14	8.	6	
60-64 years		7	3 .	
65 69 years	5	1	4	
70-74 years	9	4	5	
75-79 years	8	1	7	
80-84 years	4	1	3	
85-89 years	5	4	1	
90-94 years	0	0	0	
95-99 years	0	0	0	
100+	0	0	0	
Unknown	1	0	1	
Total 18	52	71	81	

### DEATHS BY WARDS

		02
2		18
4	,	12
7	T	6
8		32
9	<b>.</b>	10

### HOSPITALS

City Hospital	13
Union Hospital	
St. Anne's Hospital	3
Bay View Hospital	0
Truesdale Hospital	5
Contagious Hospital	1
City Home	7

### STILL BIRTHS

Males	8
Females	β
Unknown	
Total	

NATIVITY
Fall River 70
Massachusetts13
Other States 8
Ireland 3
Canada17
England20
Scotland
Germany
Azores12
Austria
France
Belgium
Russia 3
Portugal
Italy 1
Poland
Denmark
Australia
Sweden
Spain
Greece
Brazil
Syria
Madeira Islands 1
Wales 1
Unknown

### CEMETERIES

Oak Grove	23
North Burial Ground	
St. John's	3
St. Mary's (Polish)	2
St. Patrick's	35
Notre Dame	58
Nwoo Hill	3
Agedas Aham	. 1
Our Lady of Light	. 4
Bennett	
Sent away for interment	13
Brought here for interment	25
SEX	
5232	

	COLOR	
	COLOR	
White	15	1

Female

Diphtheria .....

### CONDITION

0011222311	
Married	46
Single	75
Widowed	31
Divorced	
Unknown	

There were 96 cases of contagious diseases reported for August, viz:

Scarlet Fever	6
Typhoid Fever	10
Tuberculosis of Lungs	18
Tuberculosis, other forms	
Whooping Cough	g
Measles	20
Ophthalmia Neonatorum	10
Suppurative Conjunctivitis	4
Chicken Pox.	1
Anterior Poliomyelitis	17
Cerebro-Spinal Meningitis	2
Pneumonia, Lobar	4
Tetanus	
Septic Sore Throat	
Trachoma	
German Measles	9
	um.

Lethargica Encephalitis .....

Mumps ...... Gonorrhoea Syphilis ....

The following is the number of contagious diseases reported in each ward:

2--5 7-28-10 1-11 3-10 4---6 5 - 226-24 9 - 6

Estimating the population at 128,487, 152 deaths would give an annual death rate of 14.19 in 1,000 This is 19 more than last month and 24 more than the same month in 1921.

FRANK L. LARKIN, Secretary.

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NOV 1 6 1922



## MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS.

SAMUEL B. MORRISS, AGENT.

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VOLUME IX

OCTOBER, 1922

NUMBER X

# THE SCHICK TEST, CONTAGIOUS DISEASES, QUARANTINE, ETC.

In the columns of last week's daily papers, someone using the name of "A Mother" took exceptions to the Schick Test for determining diphtheria immunity for public school children.

The Board of Health did not offer the Schick Test, (for determining whether a person is susceptible to Diphtheria), and the prophylactic to be used in rendering such as are susceptible immune from this most distressing and fatal disease, to the people of Fall River, until after its safety and dependability had been determined and recommended by the State Department of Public Health.

The Board of Health of Fall River, therefore, does not have to rely upon any commercial agency for supplies for this work; the material for the test and the toxin antitoxin are prepared by experienced chemists in the laboratories of the State Department of Public Health, and their purity is guaranteed. They are furnished absolutely free of cost to physicians for use in their private practice and will be administered by Board of Health Physicians where so desired. The Board, however, prefers to have them administered by the family physician, by those who can afford to pay him.

This test and immunization have the endorsement of leading medical practitioners all over the country, and insofar as the experience of this Board has gone, have done all that is claimed for them. The first institution whose inmates were all schicked and immunized in this city, at the request of the management about two years ago, had about 300 inmates. This is an orphanage and all, including those in charge, took the treatment as well as all since admitted, with the result that not a single case of diphtheria has been reported since. This should convince the most skeptical of its safety and value. Nevertheless, no school child is subjected to the test or immunized without the unqualified written sanction of the parent. Blank authorization forms, explaining the test and its purpose, are sent home by every pupil, for such signature.

The Board of Health placards all homes where there is contagious disease for the protection of the public. In plain language, this means "Keep away unless urgently needed." Only the doctor or nurse should enter homes so marked. Yet children of neighbors and friends are allowed to visit, and there are many mothers who go to these homes with or without their children, careless of the fact that in so doing, they are exposing their own families and endangering the health of the community.

Sympathy and friendship may be extended without exposing one's self or family to disease.

If all mothers, and fathers as well, would assume the intelligent responsibility, we have a right to expect, and if mothers, in particular, would take ordinary precautions and teach their children to be careful about exposing themselves to infection, it is safe to assume that epidemics of all kinds would be fewer and such diseases as diphtheria, cerebro spinal meningitis, infantile paralysis, scarlet fever, measles, etc., would cause less suffering and fewer deaths. Under such conditions, it may be expected that the need for the Schick Test would be minimized, if not entirely removed.

In view of the necessity of educating the heads of many of our families to a proper realization of the dangers of infection to which they expose themselves, their children and their neighbors, it is very much to be regretted that the correspondent, who has taken such pains to discourage parents against the Schick Test and who hides her or his identity behind the name of "A Mother," does not show her sincerity by exerting some of her energy in assisting the Board of Health to educate mothers to the necessity of observing the quarantine rules and preventing the spread of all communicable diseases.

## MORTALITY FOR THE MONTH OF SEPTEMBER, 1922

I.	-Endemic or Infectious Diseases.	
1	Typhoid fever (abdominal typhoid	
	and para-typhoid)  0. Typhoid fever 1. Paratyphoid fevers Typhus fever (exanthematous)	2
2	Typhus fever (exanthematous)	
3	Relapsing fever (spirillum obermeieri)  Melito—coccosis (Malta fever)	
5	Malarial fever or cachexia	
6	Malarial fever or cachexia.  0. Malarial fever  1. Malarial cachexia  Smallpox  Measles	
7 8	Scarlet fever	1
9	Whooping cough	2
11	Complications:	
	0. Pneumonia	
	2. Heart diseases	
	2. Heart diseases 3. Nephritis 4. Meningitis 5. Gastro intestinal 6. Puerperal 7. Others	
	6. Puerperal	
12		
14 15	Mumps Aslatic cholera Cholera nostras (choleriform en-	
16	teritis)	
	Dysentery  0. Amebic 1. Bacillary 2. Unspecified or due to other causes	
	Causes	
17	Plague  0. Bubonic 1. Pneumonic	
	1. Pneumonic 2. Septicemic 3. Unspecified	
18	Yellow fever	
19	Icterohemorrhagica spirochetosis.	
21 22 23	Acute poliomyelitis Encenhalitis lethargica	
24	Epidemic cerebro-spinal meningitis Other epidemic diseases	1
	Leprosy Erysipelas Acute poliomyelitis Encephalitis lethargica Epidemic cerebro-spinal meningitis. Other epidemic diseases  0. Varicella 1. Rubella 2. Septic Sore Throat.	
26	2. Septic Sore Throat	
27	Purulent or septicemic infection Glanders and farcy. Malignant pustule (anthrax) Rables Tetanus Mycoses Tuberculosis of the respiratory sys-	
29	Rabies Tetanus	
31	Mycoses Tuberculosis of the respiratory sys-	0
33	Tuberculosis of the meninges or of the central nervous system	8
34	Tuberculosis of the intestines or peritoneum	
35 36	peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints Tuberculosis of other organs and	
37	Tuberculosis of other organs and structures	
	0. Tuberculosis of the skin or subcutaneous cellular tissue	
	1. Tuberculosis of the bones (except vertebral column).	
	(except vertebral column).  2. Tuberculosis of the lymphatic system (except the	
	mesenteric and retroper-	
	itoneal glands)	
38	4. Tuberculosis of other organs Disseminated tuberculosis 0. Acute (including miliary tu-	
	berculosis of the lungs, ex- cept that specified as	
	chronic or pulmonary)  1. Chronic	1
39	Syphilis (includes syphilic infection	
	of any organ, tissue or structure of the body)	
	1. Secondary	
	3. Hereditary 4. Period not specified	
40	Soft chancre (used for morbidity	
41	statistics only) Gonococcal infection except that of the eye or adnexa Gonococcal ophthalmia	
42	Gonococcal ophthalmia	

1	I.—General Diseases Not Included	3
	Above.	
43	Cancer or other malignant tumors of the buccal cavity.  0. Cancer of the lip	
	0. Cancer of the lip	
	1. Cancer of the tongue	
	2. Cancer of the mouth	
	4. Others	
44	Cancer or other malignant tumors	
	of the stomach and liver	
	1. Cancer of the esophagus	
	2. Cancer of the stomach	3
	3. Cancer of the liver and gall	4
45	Cancer or other malignant tumors	1
	of the peritoneum, intestines and	
	of the peritoneum, intestines and rectum  0. Cancer of the mesentery and	
	v. Cancer of the mesentery and	
	peritoneum 1. Cancer of the intestines (except rectum)	
	cept rectum)	2
	annus 3. Others Cancer or other malignant tumors of the female genital organs 0. Cancer of the ovary and falloplan tubes 1. Cancer of the uterus 2. Cancer of the vagina and vulva 3. Others	
46	Cancer or other malignant tumors	
	0. Cancer of the ovary and	
	fallopian tubes	
	1. Cancer of the uterus	
	z. Cancer of the vagina and	
	3. Others	
47	Cancer or other malignant tumors	
48	Cancer or other malignant tumors	
	3. Others Cancer or other malignant tumors of the breast Cancer or other malignant tumors of the skin Cancer or other malignant tumors of other or unspecified organs 0. Cancer of the larynx 1. Cancer of the lung and pleura 2. Cancer of the pancreas 3. Cancer of the kidneys and suprarenals	
49	Cancer or other malignant tumors	
	0. Cancer of the larvax	1
	1. Cancer of the lung and	201
	pleura	
	3. Cancer of the kidneys and	
	suprarenals	
	4. Cancer of the prostate	
	5. Cancer of the bladder 6. Cancer of the brain	
	7. Cancer of the bones (except	
	18.W )	
	8. Cancer of the testes. 9. Others Benign tumors and tumors not returned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138). 0. Tumor of the brain. 1. Tumor of thorax. 2. Tumor of abdomen. 3. Tumor of bladder. 4. Tumor of prostate. 5. Tumor of other location. Acute febrile articular rheumatism Chronic rheumatism or gout. 0. Chronic gout Scurvy	
50	Benign tumors and tumors not re-	
	turned as malignant (except be-	
	nigh or non-specified tumors of	
	0. Tumor of the brain	1
	1. Tumor of thorax	
	Z. Tumor of abdomen	
	4. Tumor of prostate	
	5. Tumor of other location	
51 52	Chronic pheumatism or gout	
52	0. Chronic rheumatism	
	1. Chronie gout	
53 54	Scurvy Pellagra	
55	Beri-beri	
56	Rickets	
57	Diabetes Anemia, Chlorosis	2
58	0. Pernicious anemia	1
	1. Other anemias and chlorosis	•
59	O. Pernicious anemia Other anemias and chlorosis Diseases of the pituitary gland Diseases of the thyroid gland	
60	0. Exophthalmic goitre	
	1. Other diseases of the thy-	
0.4	roid gland	
61 62	Diseases of the thymns	
63	O. Exophthalmic goitre  Other diseases of the thyroid gland  Diseases of the parathyroid gland  Diseases of the thymus  Addison's disease (disease of the adrenals)	
	adrenals)	
64 65	adrenals) Diseases of the spleen Leukemia and Hodgkin's disease	
00	0. Leukemia	
0.0	1. Hodgkin's disease	
66 67	Chronic notconing by mineral sub-	1
67	stances	
	0. Chronic lead poisoning	
68	Chronic polsoning by organic cub	
08	stances  0. Chronic lead poisoning  1. Others Chronic poisoning by organic substances Other general diseases	
69		
	0. Acidosis	
	z. Autointoxications	
	a. Hemonniia	1
	4. Purpura hemorrhagica	

111.	-Diseases of the Nervous System
70	and Organs of Special Sense.
70 71	Encephalitis
	0. Simple
72	al meningitis Progressive locomotor ataxia (tabes
73	dorsalis)
73	dorsalis) Other diseases of the spinal cord.  0. Bulbar paralysis (Duchenne's disease)
	1. Paralysis agitans (Parkin-
	son's disease)
74	4. Others
	0. Cerebral hemorrhage 4
75	Paralysis (without specified cause)
, ,	0. Cerebral hemorrhage, apoptexy 1. Cerebral hemorrhage
76	General paralysis (of the insane)
77 78	
79	Epilepsy Convulsions (non - puerperal) (5 years and over)
80	under nve
81	Chorea
	Chorea  0. Chorea  1. Hysteria and neuralgia 2. Neuritis  Softening of the brain  1 Other diseases of the nervous system
82	2. Neuritis
83	Other diseases of the nervous sys-
84	Diseases of the organs of vision and
	tion, 190. 42
	0. Diseases of the eye (except tumor)
	1. Follicular conjunctivitis 2. Trachoma
	3. Tumors of the eye
O.E.	its adnexa
85	Diseases of the organs of hearing and the mastoid process  0. Diseases of the ear
	1. Discuses of the master
**7	
IV 86	
87	Pericarditis
88	O. Acute endocarditis and myocarditis  1. Acute myocarditis  Angina pectoris  Other diseases of the heart  Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of the heart
89	Other diseases of the heart
	1. Chronic myocarditis 9
90 91	Atheroma and other diseaser of the
92	Aneurism I Atheroma and other diseaser of the arteries Embolism and thrombosis (except
93	cerebral)
	hemorrhoids, phlebitis, etc.)
94	hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.)
95	cause; other diseases of the cir-
V	Culatory system.  Diseases of the Respiratory System
96	Diseases of the nasal fossae and
	Diseases of the Respiratory System.  Diseases of the nasal fossae and their adnexa  0. Diseases of the nasal fossae 1. Others  Diseases of the larynx (except tuberculosis and cancer  Bronchtits
97	Diseases of the larynx (except
98	tuberculosis and cancer Bronchitis
	1. Chronic 1 2. Not otherwise defined under
	2. Not otherwise defined under
	5 years of age
99	Broncho pneumonia (including cap-
	Broncho pneumonia (including capillary bronchitis)  O. Broncho pneumonia 1  Capillary bronchitis 1
100	1. Capillary bronchitis i Pneumonia
200	0. Lobar 1
101	1. Not otherwise specified Pleurisy
	0. Pleurisy

102	Congestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolic acid	
100	orrhage of the lung	nancy 2	3. Cocaine	
103	Gangrene of the lung	144 Puerperal hemorrhage	4. Lysol	
104	Asthma	145 Other accidents of childbirth	5. Opium (morphine)	
105	Emphysema of the lung	0. Cesarian section	6. Wood alcohol	
106	Other diseases of the respiratory system (tuberculosis excepted)	1. Other surgical operations and instrumental delivery	7. Others 8. Not specified or unknown	
	0. Chronic interstitial pneumo-	2. Others	178 Conflagration	
	nia (including occupational	146 Puerperal septicemia	179 Accidental burns and scalds (con-	
	diseases of the lung)	147 Phlegmasia alba dolens, puerperal	flagration excepted)	
	1. Diseases of the mediasti-	embolism or sudden puerperal	U. Stoves	
	num	death	1. Lamps	
	2. Others	148 Puerperal albuminuria or convul- sions	2. Steam	1
VI	-Diseases of the Digestive System.	149 Childbirth (without other explana-	4. Matches	n
	Diseases of the mouth and adnexa.	tion)	5. Bonfires	
101	0. Diseases of the teeth and	150 Puerperal diseases of the breast	6. Others	
	gums	IXDiseases of the Skin or Cellular	7. Unknown	
	1. Other diseases of the buccal	IM.—Diseases of the Skin of Cellular	180 Accidental mechanical suffocation  0. Foreign body in larynx	
400	cavity and adnexa	Tissue.	1. Overlying	
108	Diseases of the pharynx and tonsils (includes adenoids)	151 (Jangrana	2. Others	1
	0. Streptoccic sore throat	151 Gangrene	181 Accidental absorption of irrespir-	
	1. Ludwig's angina	153 Phlegmon, acute abscess	able or poisonous gas	
	2. Tonsilitis	154a Tinea and alopecia (morbidity	0. Illuminating gas 1. Chloroform or ether	
	3. Adenoids	only)	2. Coal gas	
100	4. Others Diseases of the esophagus	154b Pruritis (morbidity only)	3. Ammonia fumes	
110	Ulcer of the stomach and duode-	155 Other diseases of the skin and its adnexa	4. Sewer gas	
	num	W. W	5. Other gases	
	0. Ulcer of the stomach 1	XDiseases of the Bones and Organs	182 Accidental drowning	
444	1. Ulcer of the duodenum	of I assumption	U. Rivers, ponds, etc.	
117	Other diseases of the stomach (can- cer excepted	of Locomotion.	1. Others  183 Accidental injury by firearms (wounds of war excepted)  184 Accidental injury by cutting or piercing instruments	
	0. Indigestion	156 Diseases of the bones (tubercu-	183 Accidental injury by firearms	
	1. Gastritis	losis excepted)	184 Accidental injury by outting or	
	2. Stricture or stenosis of py-	157 Diseases of the joints (tuberculosis and rheumatism excepted)	piercing instruments	
	lorus	158 Other diseases of the bones or or-	Accidental injury by lans	
119	3. Others Diarrhea and enteritis (under 2	gans of locomotion	0. Down shafts, hatchways,	
114	years of age)		holds of vessels	
113	Diarrhea and enteritis (2 years and	XI.—Malformations.	1. Down stairs	
	over) 3	159 Congenital malformations (still-	2. From buildings	
114	Ankylostomiasis	births excepted)	4. From scaffolds	
115	Diseases due to other intestinal	0. Hydrocephalus 1	5. From windows	
	parasites	1. Malformations of the heart 1	6. From vehicles	
	liver excepted)	2. Others	7. On streets, sidewalks, etc	0
	1. Trematodes	XII.—Diseases of Early Infancy.	9. Other falls	2
	2. Nematodes (other than an-		quarries	
	kylostoma)	160 Congenital debility, icterus and	0. In mines	
	4. Other parasites	sclerema	1. In quarries	
	5. Parasites not specified	1. Inanition	187 Accidental traumatism by machines	
	Appendicitis and typhlitis	2. leterus	0. Deaths by machinery 1. Deaths by elevators	
117	Hernia, intestinal obstruction	3. Sclerema	188 Accidental traumatism by other	
	0. Hernia	4. Others	crushing (vehicles, railways, landslides, etc.)	
118	Other diseases of the intestines	labor	landslides, etc.)	
110	0. Diseases of the anus and	0. Premature birth 7	0. Run over by wagons, trucks.	
	stercoral fistulae	1. Injury at birth	1. Run over by automobiles	2
	1. Other diseases of the intes-	162 Other diseases peculiar to early in-	2. Run over by other vehicles	Ĩ
119	Acute yellow atrophy of the liver	fancy 1	3. Run over by electric surface	
120	Hydatid tumor of the liver	1. Atelectasis	4. Run over by steam railroad	
121	Cirrhosis of the liver	2. Umbilical infection	cars	
	0. Returned as alcoholic	3. Umbilical hemorrhage	5. Run over by elevated rail-	
122	1. Not returned as alcoholic Biliary calculi	4. Others 1	road cars	
123	Other diseases of the liver	100 Dack of Care	6. Run over by subway cars	
124	Diseases of the pancreas except	XIII.—Old Age.	<ol> <li>Crushed by falling bodies</li> <li>Crushed by derricks, stones,</li> </ol>	
405	cancer	164 Old age (senility)	etc	
125	Peritonitis of unstated cause Other diseases of the digestive		9. Other causes	
120	system (cancer and tuberculosis	XIV.—External Causes.	189 Injuries by animals (not poisoning)	
	excepted)	165 Suicide by solid or liquid poisons	190 Wounds received in war	
VII	Non-Venereal Diseases of the	(corrosive substances excepted)	erent armies	
A 11		0. Opium, morphine	192a Excessive labor	
	Genito-Urinary System and	2. Chloroform (ether)	192b Starvation (deprivation of food or	
	its Adnexa.	3. Others	water) 193 Excessive cold	
127	Acute nephritis (including unspeci-	166 Suicide by corrosive substances	194 Excessive heat	
	fled under 10 years of age)	0. Arsenic (paris green) 1. Bichloride of mercury	195 Lightning	
128	Chronic nephritis (including un-	2. Carbolic acid	196 Other accidental electric shocks 197 Homicide by firearms	
100	specified over 10 years of age 13	3. Cyanides (prussic acid)	198 Homicide by cutting or piercing in-	
130	Other diseases of the kidneys and	4. Oxalic acid	struments	
130	their adnexa (diseases of the	b. Muriatic acid (hydrochloric	199 Homicide by other means	
	kidney in pregnancy excluded)	acid)	200 Infanticide (murder of infants less	
131	Calculi of the urinary passages	167 Suicide by poisonous gas	than 1 year of age)  201 Fracture (cause not specified)	
132	Diseases of the bladder (except	0. Illuminating gas 1	Dislocations	
133	tumors)	1. Chloroform	Sprains	
100	abcess, etc.	2. Coal gas	Z. Fractures (cause unspect-	
	v. Stricture of the urethra	168 Suicide by hanging or strangulation	fled)	
40.0	1. Others	169 Suicide by drowning	0. Criminal abortion	
134	Diseases of the prostate (except	0. Rivers, etc	1. Explosions	
135	Non-venereal diseases of the male	1. Others	1. Explosions 2. Salvarsan injection	
	genital organs	170 Suicide by firearms	3. Other medicaments (injection)	
136	Cysts and other benign tumors of	struments	4. Other external violence	
407	the ovary Salpingitis or pelvic absecss	172 Suicide by jumping from high	203 Violent deaths of which the cause	
137 138	Benign tumors of the uterus	places 1	is unknown	
139	Non-puerperal uterine hemorrhage.	173 Suicide by crushing		
140	Metritis	175 Poisoning by food	XVIll-Defined Diseases.	
141	Other diseases of the female genital	0. Mushrooms	Ond Challen double	
440	Non nuornaral disasses of the	0. Mushrooms 1. Shell fish	204 Sudden death	
142	Non-puerperal diseases of the breast (cancer excepted)	2. Pork sausages	205 Cause of death not specified or ill- defined	
		176 Poisoning by venomous animals	0. Ill-defined or not specified	
	VIII.—The Puerperal State.	3. Others 176 Poisoning by venomous animals 177 Other acute accidental poisonings	1. No disease; malingering	
143	Accidents of pregnancy	(gases excepted)	2. Surgical operation	
	0. Abortion	0. Ethyl alcohol 1	TOTAL	20
	1. Ectopic gestation	1. Bichloride of mercury	TOTAL 13	10

### CONTAGIOUS HOSPITAL REPORT FOR SEPTEMBER, 1922

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat	Diphtheria	Malaria	Measles	Mumps	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Whooping Cough	Influenza Pneumonia	Syphillis	Scarlet Fever and Diphtheria	Meningitis T. B.	ocabies	Total
Patients admitted Termination { Recovery Death	1 6	<u>1</u>			8 2	****	2 1 1		1		5 2		***			****	1	****		17 12 2

### DEATHS BY AGES

	ta.	les	males	
	To	Ä	E.	
Under 1 day	6	3	3	
1-2 days	1	0	1	
2-3 days	0	0	0	
3 days-1week	2	1	1	
1-2 weeks	1	1	0	
2-3 weeks	0	0	0	
3 wks-1 month	3	1	2	
1-2 months	5	2	3	
2-3 months	7	5	2	
3-6 months	7	в	1	
6.9 months	6	1	Б	
9-12 months	3	2	1	
1 year	3	1	2	
2 years	0	0	0	
3 years	1	0	1	
4 years	2	()	2	
5-9 years	5	3	2	
10-14 years	1	1	0	
15-19 years	8	2	- 1	
20-24 years	0	0	0	
25-29 years	1	0	1	
30-34 years	4	1	3	
35-39 years	6	2	4	
40-44 years	5	4	1	
45-49 years	4	1	3	
50-54 years	9	6	3	
55-59 years	8	3	6	
60-64 years	0.	5	5	
65 69 years	8	4	4	
70-74 years	8	4	4	
75-79 years	13	5	8	
80-84 years	3	2	1	
85-89 years	2	0	2	
90-94 years	0	0	0	
95-99 years	0	0	U	
100+	0	0	0	
Unknown	0	0	0	
Total15	38	66	72	

### DEATHS BY WARDS

	2	
	3	
4	4	9
8	5	13
- (	6	12
- 1	7	8
- 1	3	37
9	9	13

### HOSPITALS

City Hospital12
Union Hospital11
St. Anne's Hospital
Bay View Hospital 3
Truesdale Hospital 4
Contagious Hospital 2
City Home 5

### STILL BIRTHS

Males	9
Females	5
Unknown	
Total1	4

NATIVITY
Fall River 57
Massachusetts
Other States16
Ireland
Canada
England14
Scotland
Germany
Azores 6
Austria
France
Belgium
Russia 1
Portugal
Italy 2
Poland1
Denmark
Australia
Sweden 1
Spain
Greece
Brazil
Syria
Madeira Islands
Wales
Unknown

### CEMETERIES

Oak Grove .... North Burial Ground..

(	Nwoo Hill
]	Sennett. Sent away for interment. 9 Brought here for interment 22
	SEX         66           Female         72
	COLOR White 137 Colored 1
1	CONDITION  Married 43 Single 67 Widowed 28 Divorced Unknown
r	There were 145 cases of contagious diseases eported for Sept., viz:  Diphtheria
7	Typhoid Fever         5           Tuberculosis of Lungs         11           Fuberculosis, other forms         2           Whooping Cough         4
1	Measles 77
1	Neasles 10 Dphthalmia Neonatorum 9 Suppurative Conjunctivitis 2 Chicken Pox 11

Anterior Poliomyelitis..... Cerebro-Spinal Meningitis ...... Pneumonia, Lobar

Septic Sore Throat..... 

Gonorrhoea ..... Syphilis .....

Influenza.....

Mumps ....

The following is the number of contagious diseases reported in each ward:

7-1 9-4 1-10 2--11 3-11 **5**—33 6-59 8-9

Estimating the population at 128,487, 138 deaths would give an annual death rate of 12.89 in 1,000 This is 14 less than last month and 6 more than the same month in 1921.

FRANK L. LARKIN, Secretary.



## MONTHLY BULLETIN

-OF THE-

## BOARD OF HEALTH

CITY OF FALL RIVER

ANZO

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VOLUME VIII

NOVEMBER, 1922

**NUMBER 11** 

### MORTALITY FROM CANCER, 1921

The Department of Commerce, announces that the returns compiled by the Bureau of the Census show that over seventy-six thousand deaths were due to cancer in the death registration area of the United States in 1921, and assuming that the rest of the United States had as many deaths from this cause in proportion to the population, the total number of deaths from cancer in the entire United States for 1921 was 93,000, while for 1920 the number is estimated as 89,000 or 4,000 less than for 1921.

The trend of the cancer death rate is upward, the rate for 1921 being higher than that for any earlier year in 23 of the 34 states for which rates are shown in the following table. The cancer death rate in the registration area in 1921 was 86 per 100,000 population, against 83.4 for 1920. In comparing the death rate from cancer in one state with that in another, the Bureau uses "adjusted" rates in order to make allowance for differences in the age and the sex distribution of the population, because generally speaking, only persons in middle life and old age have cancer, so that a state with many old persons may be expected to have more deaths from cancer than a state with comparatively few old persons.

The highest "adjusted" cancer rate for 1921 is 99.6 per 100,000 population for the state of Massachusetts, and the lowest is 47.6 for the state of South Carolina.

For a few states adjusted rates have been calculated separately for the white and colored population. In this group of states the highest adjusted cancer rate for the white population is 95.9 per 100,000 population for New York and the highest rate for the colored population is 90.6 also for New York. The lowest adjusted cancer rate for the white population is 51.5 for Tennessee and the lowest for the colored population is 36.4 for Florida.

Summarized briefly, the adjusted rates show that the Northern states have comparatively high and the Southern states comparatively low cancer mortality, while there is little difference between the adjusted cancer rates of the white and colored races of the same states. In other words, the white and colored races seem equally susceptible to cancer, but both races seem less susceptible in the South than in the North.

In the early stages of the disease cancer can be cured. Lose no time, don't hesitate, if in doubt or suspicion, consult your family physician.

### DIPHTHERIA

Although Diphtheria is quite prevalent, at the present time, the great majority of the parents and guardians of our school children are not enough interested in the welfare of their children to have them undergo the Schick Test, and, if necessary, to be inoculated with toxin-antitoxin. The following table gives the number of cases of Diphtheria reported during the month of October for the past ten years:

 1913.
 7

 1914.
 15

 1915.
 17

 1916.
 7

 1917.
 21

 1918.
 11

 1919.
 18

 1920.
 43

 1921.
 17

 1922.
 44

The number reported for the past month, forty-four, was much greater than for any corresponding period for the past ten years with the exception of 1920 when forty-three cases were recorded. These cases are scattered throughout the city. We feel sure that the large number of cases occurring are due to "missed cases" as a rule. In other words, that some children have had the disease in mild form and that the parents, thinking that they were just cases of "sore throat," neglected to have the family physician see the case. Some of these children might have been out of school for a few days, but many, we are sure, lost no time from school, but instead spread infection among the children with whom they came in contact. So called "mild cases" of Diphtheria and other communicable diseases are responsible for a great deal of our serious and fatal cases, as little, if any, attention is paid to them by parents, and as a result, the health and lives of other children are endangered.

### **MEASLES**

Although the number of cases of Measles reported for the past month was two hundred and fifty-three, we are positive that this represents only a small percentage of the cases which occurred during that period.

Unfortunately, the average parent believes that all children must have Measles sooner or later and the sooner, the better, and instead of protecting their children against the disease, needlessly expose them to it. This attitude, no doubt, is due to the fact that the immediate

death-rate of Measles is less than the other communicable diseases, and they reason that, therefore, it is not a serious disease. But those holding this view are not in position to know that while an epidemic of measles does not mean any great increase in the general death rate because of a large number of deaths from this disease, it does affect the general death rate as the number of deaths from the after effects of the disease, principally Broncho Pneumonia, increase after such an epidemic.

## MORTALITY FOR THE MONTH OF OCTOBER, 1922

1	.—Endemic or Infectious Diseases.	
1	Typhoid fever (abdominal typhoid and para-typhoid)	
	and para-typhoid)  0. Typhoid fever  1. Paratyphoid fevers  Typhus fever (exanthematous)	
3	Relapsing lever (spiritum obermer-	
4	Malita concepts (Malta faver)	
5	Malarial fever or cachexia.  0. Malarial fever 1. Malarial cachexia Smallpox	
6	1. Malarial cachexia	
7 8	Measles	9
9	Measles Scarlet fever Whooping cough Diphtheria Influenza	2
11		
	0. Pneumonia	
	2. Heart diseases	
	4 Moningitia	
	6. Puerperal	
12	Miliary fever	
13 14	Asiatic cholera	
15	Cholera nostras (cholerilorm enteritis)	
16	Millary fever Mumps Aslatic cholera Cholera nostras (choleriform enteritis) Dysentery  0. Amebic 1. Bacillary 2. Unspecified or due to other causes	
	<ol> <li>Bacillary</li> <li>Unspecified or due to other</li> </ol>	
17	Plague	
11	0. Bubonic	
	2. Septicemic	
18	Yellow fever	
19 20	Leprosy	
21	Acute poliomyelitis	
23 24	Encephalitis lethargica Epidemic cerebro-spinal meningitis.	1
25	Xellow fever	
	1. Rubella	
26 27	The state of population and the state of the	
<b>28</b> 29	Malignant pustule (anthrax)	
30	Tetanus	
32	Glanders and farcy. Malignant pustule (anthrax) Rables Tetanus Mycoses Tuberculosis of the respiratory system Tuberculosis of the meninges or of the central nervous system. Tuberculosis of the intestines or	3
33	Tuberculosis of the meninges or of	3
34		J
35	peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints	
3€ 37	Tuberculosis of other organs and	
	o. Tuberculosis of the skin or	
	1. Tuberculosis of the bones	
	(except vertebral column).  2. Tuberculosis of the lymphatic system (except the	
	itoneal glands)  3. Tuberculosis of the genito- urinary system  4. Tuberculosis of other organs Disseminated tuberculosis  0. Acute (including miliary tu- herculosis of the lungs ex-	
	4. Tuberculosis of other organs	
38	0. Acute (including miliary tu-	
	cept that specified as	
	chronic or pulmonary)  1. Chronic	
39	Syphilis (includes syphilic infection of any organ, tissue or structure of the body)  0. Primary	
	of the body)	
	1. Secondary	
	3. Hereditary 4. Period not specified	1
40	Soft chancre (used for morbidity	
41	Gonococcal infection except that of	
42	the eye or adnexa	

1	I.—General	Disease	s Not	Included	
		Abov			
43	Cancer or	other n	nalignan	t tumors	
	of the but 0. Cand 1. Cand 2. Cand 3. Cand 4. Other	cer of t	he lip.		
	1. Can	cer of t	he tong	ue	
	3. Can	cer of t	he jaw		1
44	4. Othe Cancer or of the sto 0. Can 1. Can 2. Can bla Cancer or of the pe	other m		t tumors	
777	of the sto	mach an	d liver.	· · · · · · · · · · · · · · · · · · ·	
	0. Can	cer of the	ne phar	ynx	
	2. Can	er of the	he ston	nach	3
	3. Can	eer of th	e liver	and gall	1
45	Cancer or	other m	alignan	t tumors	1
	0. Can	er of th	e meser	itery and	
	per	itoneum		ines (ex-	
	cen	u recuun	1)		2
	2. Cano	cer of	the rec	tum and	
	ann 3. Othe Cancer or of the fe 0. Can fall 1. Can 2. Can vul 3. Othe Cancer or of the bre Cancer or of the skl Cancer or of other 0. Can	rs			1
46	Cancer or	other m	alignan	t tumors	
	of the fe	male ger	the ov	gans arv and	
	fall	lopian ti	ıbes		
	1. Cano	er of the	le uter	us ring and	1
	z. cane	va	vag		
47	3. Othe	other m	olionan	timore	
71	of the bre	east	· · · · · · · · ·		
48	Cancer or	other m	alignan	t tumors	
49	Cancer or	other m	alignan	t tumors	
	of other of	or unspe	cified or	rgans	
	1 Cano	rer of	the li	ing and	
	ple	ura		reas	
	2. Cano	er of the	i <b>e pan</b> ci he kidi	reas	
	sur	rarenals		ate ler in	
	4. Cano	er of the	ie prosi ie blade	ate der	1
	6. Cano	er of t	he bra	in	Î
	7. Cano	er of th	e bones	g (except	
	7. Cano jaw 8. Cano 9. Othe Benign tum turned as nign or the ovary 0. Tum 1. Tum 2. Tum 4. Tum 4. Tum Acute febri Chronic rhe 0. Chro	er of th	ne teste	s	
50	9. Othe	rs	tumors	not re-	
00	turned as	malign	ant (ex	cept be-	
	nign or	non-spec	ified tu erus—13	imors of	
	0. Tum	or of th	ie brain	a	
	1. Tum	or of al	lora <b>x</b>		
	3. Tum	or of bl	adder		
	4. Tum	or of p	rostate.	etion	
51	Acute febri	le artici	ılar rh	eumatism	
52	Chronic rhe 0. Chro 1. Chro Scurvy Pellagra Beri-beri Rickets	umatism	or gou	ıt	1
	1. Chro	nic gou			1
53 54	Scurvy			• • • • • • • • •	
55	Beri-beri .				
56 57					1
58	Diabetes Anemia, Ch 0. Pern 1. Othe Diseases of Diseases of	lorosis .			2
	0. Pern	icious ar	nemia	ahlanauia	2
59	Diseases of	the pit	uitary	gland	
60	Diseases of	the thy	roid gl	and	
	0. Exop 1. Othe	hthalmid r diseas	es of	the thy-	
0.4	rote	gland		the thy-	
61 62	Diseases of Diseases of	the th	utnyroid vmus	giand	
63	Addison's d	usease	(disease	e of the	
64	adrenals) Diseases of Leukemia s	the sple	en		
65	Leukemia s	nd Hod	gkin's	disease	
	0. Leuk	emia			
66	Alcoholism	(acute o	chroni	le)	1
67	Chronic poi	soning t	y mine	ral sub-	
	O. Leukemia a O. Leuk 1. Hodg Alcoholism Chronic polistances O. Chron 1. Other	nic lead	poison	ing	
68	1. Other	rs	37 03000	nio gub	
	Chronic poi stances Other gener	somme t	orga:		
69	Other gener	al disea	ses		
	0. Acide	osis loid deg	eneratio	ns	
	2. Auto	intoxicat ophilia	ions		
	4. Purp	ura hem	orrhagic	a	
	E. Other	rs			

III.	Diseases of the Nervous Syst	ė m
	.—Diseases of the Nervous Syst and Organs of Special Sense.	
70		
71	Encephalitis Meningitis	
	0. Simple	
	1. Non-epidemic cerebro - spin-	
70	al meningitis	
72	dorealis)	
73	Other diseases of the spinal cord	
	0. Bulbar paralysis (Duchen-	
	ne's disease)	
	1. Paralysis agitans (Parkin-	
	2. Acute ascending spinal par-	2
	alysis (Landry's disease)	
	Meningitis  0. Simple 1. Non-epidemic cerebro - spinal meningitis Progressive locomotor ataxia (tabes dorsalis) Other diseases of the spinal cord. 0. Bulbar paralysis (Duchenne's disease) 1. Paralysis agitans (Parkinson's disease) 2. Acute ascending spinal paralysis (Landry's disease). 3. Myelitis 4. Others	
74	4. Others Cerebral hemorrhage, apoplexy  0. Cerebral hemorrhage 1. Cerebral thrombosis and embolism	
7 4	0. Cerebral hemorrhage	5
	1. Cerebral thrombosis and em-	
75	Paralysis (without specified cause) 0. Hemiplegia 1. Other forms of paralysis General paralysis (of the insane).	1
15	0. Heminlegia	
	. 1. Other forms of paralysis	1
76	General paralysis (of the insane)	
77 78	Other forms of mental alienation.	
79	Convulsions (non - nuerneral) (5	
	years and over)	
80	Infantile convulsions (under five	
81	years of age)	
01	Chorea  1. Hysteria and neuralgia  2. Neuritis	
	1. Hysteria and neuralgia	
	1. Hysteria and neuralgia 2. Neuritis	
82 83	Other diseases of the newtons and	1
<b>Q</b> 3	Softening of the brain Other diseases of the nervous system Diseases of the organs of vision and	
84	Diseases of the organs of vision and	
	adnexa except gonococcal infec-	
	tion, No. 42	
	adnexa except gonococcal infection, No. 42  0. Diseases of the eye (except tumor)  1. Follicular conjunctivitis  2. Trachoma  7. Tumory of the eye	
	1. Follicular conjunctivitis	
	2. Trachoma 3. Tumors of the eye	
	3. Tumors of the eye	
	its adnexa	
85	Diseases of the organs of hearing	
	and the mastoid process	
	4. Other diseases of the eye or its adnexa Diseases of the organs of hearing and the mastoid process  0. Diseases of the ear 1. Diseases of the mastoid process	
	process	
IV	-Diseases of the Circulatory Syste	-
86	Paricarditie	- ENE
87	Pericarditis	
	v. Acute endocarditis	1
55	1. Acute myocarditis	2
88	Angina pectoris Other diseases of the heart O. Chronic endocarditis	4
	0. Chronic endocarditis	4
	1. Childre myocarditis	4
	2. Other chronic diseases of	
90	the neart	4
91	Atheroma and other diseases of the	1
	embolism and thrombosis (except	4
92	cerebral)	
93	Diseases of the veins (varices.	
	hemorrhoids, phlebitis, etc.)	
94	Diseases of the lymphatic system	
95	cerebral) Diseases of the veins (varices, hemorrholds, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system	
	cause; other diseases of the cir-	
_		
V	Diseases of the Respiratory System Diseases of the nasal fossae and	m.
96	Diseases of the nasal fossae and	
	their adnexa  0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer	
	1. Others	
97	Diseases of the larynx (except	
98	Rronchitis	
20	Bronchitis  Acute 1. Chronic 2. Not otherwise defined under	2
	1. Chronic	-
	2. Not otherwise defined under	
	3 Not otherwise defined	
	5 years of age	)
99	Broncho pneumonia (including cap-	-
	mary bronchitis)	
	0. Broncho pneumonia 1. Capillary bronchitis	4
00	Pneumonia	I
	0. Lobar	1
01	1. Not otherwise specified	
-	0 Dlamian	2
	1. Empyema of thoracic cavity	-

102 Congestion or parenchymatous hem-	2. Other accidents of preg-	I. Carbolic acid
orrhage of the lung 1 103 Gangrene of the lung	nancy	3. Cocaine
104 Asthma	1 145 Other accidents of childbirth	5. Opium (morphine)
105 Emphysema of the lung 106 Other diseases of the respiratory	0. Cesarian section	6. Wood alcohol
system (tuberculosis excepted)	and instrumental delivery	8. Not specified or unknown
0. Chronic interstitial pneumo-	2. Others 146 Puerperal septicemia	178 Conflagration
nia (including occupational diseases of the lung)	147 Phlegmasia alba dolens, puerperal	flagration excepted)
1. Diseases of the mediasti-	embolism or sudden puerperal	0. Stoves
num	148 Puerperal albuminuria or convul-	2. Steam
ViDiseases of the Digestive System.	sions	3. Hot fluids 1 4. Matches 1
107 Diseases of the mouth and adnexa.	tion)	5. Bonfires 1
0. Diseases of the teeth and	150 Puerperal diseases of the breast	6. Others 7. Unknown
gums	IX.—Diseases of the Skin or Cellular	180 Accidental mechanical suffocation
cavity and adnexa  108 Diseases of the pharynx and tonsils	Tissue.	0. Foreign body in larynx 1. Overlying
(includes adenoids)	151 Gangrene	2. Others
0. Streptoccic sore throat 1. Ludwig's angina	152 Boil, carbuncle, furuncle	able or poisonous gas
2. Tonsilitis	153 Phlegmon, acute abscess	0. Illuminating gas
3. Adenoids	only) 154b Pruritis (morbidity only)	2. Coal gas
109 Diseases of the esophagus	155 Other diseases of the skin and its	3. Ammonia fumes
110 Ulcer of the stomach and duode-	adnexa	5. Other gases
0. Ulcer of the stomach	X.—Diseases of the Bones and Organs	6. Unknown
1. Ulcer of the duodenum 111 Other diseases of the stomach (can-	of Locomotion.	0. Rivers, ponds, etc
cer excepted	156 Diseases of the bones (tubercu-	1. Others
1. Gastritis	losis excepted)	(wounds of war excepted)  184 Accidental injury by cutting or
2. Stricture or stenosis of py- lorus	losis and rheumatism excepted)	piercing instruments
3. Others	158 Other diseases of the bones or organs of locomotion	0. Down shafts, hatchways.
112 Diarrhea and enteritis (under 2 years of age) 16	XI.—Malformations.	holds of vessels
113 Diarrhea and enteritis (2 years and over)		2. From buildings
114 Ankylostomiasis	159 Congenital malformations (still-births excepted)	3. From fire-escapes
115 Diseases due to other intestinal parasites	0. Hydrocephalus 2 1. Malformations of the heart	5. From windows
0. Cestodes (hydatids of the liver excepted)	2. Others	7. On streets, sidewalks, etc
1. Trematodes	XIIDiseases of Early Infancy.	9. Other falls
2. Nematodes (other than ankylostoma)	160 Congenital debility, icterus and	quarries
3 Coccidia	sclerema 0. Marasmus	1. In quarries
5. Parasites not specified	1. Inanition	187 Accidental traumatism by machines 0. Deaths by machinery 1
116 Appendicitis and typhlitis 1 117 Hernia, intestinal obstruction	2. Icterus	1. Deaths by elevators 188 Accidental traumatism by other
0. Hernia 1 1. Intenstinal obstruction 1	4. Others 1	crushing (vehicles, railways,
118 Other diseases of the intestines	161 Premature birth, or consequence of labor	landslides, etc.)
0. Diseases of the anus and stercoral fistulae	0. Premature birth 5 1. Injury at birth 1	etc
1. Other diseases of the intestines	162 Other diseases peculiar to early in-	2. Run over by other vehicles 1
119. Acute vellow atrophy of the liver	0. Asphyxia neonatorum	3. Run over by electric surface cars
120 Hydatid tumor of the liver	1. Atelectasis	4. Run over by steam railroad cars
0. Returned as alcoholic 1. Not returned as alcoholic	3. Umbilical hemorrhage 4. Others	5. Run over by elevated rail-
122 Biliary calculi	163 Lack of care	road cars
124 Diseases of the pancreas except	XIII.—Old Age.	7. Crushed by falling bodies 8. Crushed by derricks, stones.
cancer	164 Old age (senility)	etc. 9. Other causes
126 Other diseases of the digestive system (cancer and tuberculosis	XIV.—External Causes.	189 Injuries by animals (not poisoning)
excepted)	165 Suicide by solid or liquid poisons	190 Wounds received in war
VII.—Non-Venereal Diseases of the	(corrosive substances excepted)  0. Opium, morphine	erent armies
Genito-Urinary System and	1. Strychnine	1926 Starvation (deprivation of food or
its Adnexa.	3. Others	water) 193 Excessive cold
127 Acute nephritis (including unspeci-	166 Suicide by corrosive substances  0. Arsenic (paris green)	194 Excessive heat
fled under 10 years of age) 1  128 Chronic nephritis (including un-	1. Bichloride of mercury 2. Carbolic acid	196 Other accidental electric shocks
specified over 10 years of age 8 129 Chyluria	3. Cyanides (prussic acid)	198 Homicide by cutting or piercing in-
130 Other diseases of the kidneys and their adnexa (diseases of the	5. Muriatic acid (hydrochloric	struments
kidney in pregnancy excluded)	acid)	200 Infanticide (murder of infants less than 1 year of age)
131 Calculi of the urinary passages 132 Diseases of the bladder (except	167 Suicide by poisonous gas	201 Fracture (cause not specified)
tumors) 133 Diseases of the urethra, urinary	1. Chloroform	Dislocations
ancess, etc	2. Coal gas	Z. Fractures (cause unspeci-
0. Stricture of the urethra 1. Others	168 Suicide by hanging or strangulation 169 Suicide by drowning	fied)
134 Diseases of the prostate (except tumors)	0. Rivers, etc	1 Evalusions
135 Non-venereal diseases of the male genital organs	1. Others	2. Salvarsan injection 3. Other medicaments (injec-
136 Cysts and other benign tumors of	171 Suicide by cutting or piercing in- struments	tion)
the ovary	1/2 Suicide by jumping from high	203 Violent deaths of which the cause
138 Benign tumors of the uterus	places 173 Suicide by crushing	is unknown
1:9 Non-puerperal uterine hemorrhage. 140 Metritis	174 Other suicides	XV.—Ill-Defined Diseases.
141 Other diseases of the female genital organs	0. Mushrooms	204 Sudden death
142 Non-puerperal diseases of the	1. Shell fish	205 Cause of death not specified or ill-
breast (cancer excepted)	3. Others	0. Ill-defined or not specified I
VIII.—The Puerperal State.	177 Other acute accidental poisonings	1. No disease; malingering 2. Surgical operation
0. Abortion	(gases excepted)  0. Ethyl alcohol  1. Bichlorida of mercury	TOTAL 136
1. Ectopic gestation	1. Bichloride of mercury	TOTAL 130

### CONTAGIOUS HOSPITAL REPORT FOR OCTOBER, 1922

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat	Diphtheria	Malaria	Measies	T. B Meningitis	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Diphtheria and Chicken Pox	Influenza Pneumonia	Syphillis	Scarlet Fever and Diphtheria	Scabies	Total
Patients admitted	1			1	5		5	1			4			1			2		20
Termination (Recovery	2			1	7		5				6			1					22
Death					2			1											3

## DEATHS BY AGES

DEATHS BI AGE			
	Total	Males	Female
Under 1 day	7	5	2
1-2 days	1	1	0
2-3 days	0	0	0
3 days-1week	1	0	1
1-2 weeks	1	1	0
2-3 weeks	0	0	U
3 wks-1 month	1	1	0
1-2 months	3	2	1
2-3 months	1.	. 0	1
3-6 months	5	2	3
6-9 months	5	1	4
9-12 months	8	4	4
1 year	10	3	7
2 years	ō	4	1
3 years	4	3	1
4 years	2	0	2
5-9 years	4	4	0
10-14 years	1	()	1
15-19 years	1	1	0
20-24 years	1	1	0
25-29 years	()	0	()
30-34 years	2	1	1
35-39 years	4	2	2
40-44 years	4	2	2
45-49 years	7	3	4
50-54 years	8	3	ŏ
55-59 years	$\Theta$	- 8	2
60-64 years	8	1	7
65 69 years	{}	6	-{
70-74 years	9	4	5
75-79 years	G	2	4
80-84 years		1	2
85-89 years	1	0	1
90-94 years	3	1	2
95-99 years	0	0	()
100+	0	0	0
Unknown	0	0	()
Total18	6	67	69

### DEATHS BY WARDS

]	Ł																																			20	)
4	2											 			 			 		 		,				-										13	3
3	3	 						91							 													90.0	- 1			- 0	 	 		10	)
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1	3	 		0.0		0 1	0.0			-	-	 			٠,								- 40					 		 		9.0	 0.1			3(	3
1	9	 																							 	. 10	~ 0		 		- 0	00				12	è

### HOSPITALS

City Hospital18	3
Union Hospital	7
St. Anne's Hospital	ł
Bay View Hospital	)
Truesdale Hospital	ì
Contagious Hospital	2
City Home	2
	-

### STILL BIRTHS

Males	9
Females	1
Unknown	
Total	

### NATIVITY

NATIVITY	
Fall River	61
Massachusetts	8
Other States	13
Ireland	6
Canada	20
England	12
Scotland	1
Germany	
Azores	9
Austria	
France	
Belgium	
Russia	
Portugal	
Italy	2
Poland	2
Denmark	
Australia	
Sweden	
Spain	
Greece	
Brazil	
Syria	
Western Islands	1
Wales	
Unknown	1

CEMETERIES	
Oak Grove	.18
North Burial Ground	. 6
St. John's	. 1
St. Mary's	. 1
St. Patrick's	.37
Notre Dame	64
St. Mary's Polish	2
Agedas Aham	_
Our Lady of Light	. 1
Bennett	
Bennett	. 6
Brought here for interment	.28
Male	KT
Female	
1 Cilialy	00
COLOR	
White	136
Colored	
CONDITION	
Married	.44
Single	
Widowed	
Divorced	
Unknown	
(17)	
There were 361 cases of contagious disea	ser
reported for Oct., viz:	
Diphtheria	.44
Scarlet Fever	.15
Typhoid Fever	. 3
Tuberculosis of Lungs	. 9
Tuberculosis, other forms	. 4
Whooping Cough	. 5
Measles	253
Ophthalmia Neonatorum	. 6
Suppurative Conjunctivitis	. 2
Chicken Pox	. 3
Anterior Poliomyelitis	
Cerebro-Spinal Meningitis Pneumonia, Lobar	. 2
Pneumonia, Lobar	. 4
Influenza	2
Septic Sore Throat	
Mumps	1
German Measles	
Lethargica Encephalitis	
Pellagra	1
Gonorrhoea	. 5

The following is the number of contagious diseases reported in each ward:

1---33 3-17 4-12 5 - 676-147 7-6 8-31 9 15

Estimating the population at 128,487, 136 deaths would give an annual death rate of 12.70 in 1,000 This is 2 less than last month and the same number as the corresponding month in 1921.

FRANK L. LARKIN, Secretary.



# MONTHLYBULLETIN

- OMPAE-

## BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS.

SAMUEL B. MORRISS, AGENT.

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HEALTH DEPARTMENTS PLEASE EXCHANGE.

VOLUME VIII

DECEMBER, 1922

NUMBER 12

### PREVENTABLE DEATHS

The total number of deaths for the past month was 181, forty-six more than 135, which was the number occurring during the month of November, 1921. There was also an increase of deaths of children under one year of age, the number for November, 1922, being thirty-one, an increase of eight over twenty-three which was the number for the corresponding period of last year.

That this increase is due to preventable diseases can be seen when it is noted that during the month just past, there were twenty-five deaths from Measles, fifteen from Diphtheria and thirteen from Diarrhoeal Diseases (under two years) as compared with none, two and four for these diseases, respectively, during November, 1921. These three diseases, therefore, account for an increase of forty-nine deaths, which is in excess of the increase of the total deaths for the month over the corresponding period of last year, and but for the unwarranted number of deaths from these causes, the total number would have been less for the past month than for the same period of last year.

From time to time, we have tried to secure the co-operation of the people of the city in lowering the number of deaths from preventable diseases. Nothing much can be accomplished with measles until the parents or guardians of our children realize their responsibility and treat it with the seriousness and care that it should be treated, and get away from the fool notion that children must have it, and the sooner they have it the better. Then if, despite precautions taken, they do catch Measles. the parents must not lose sight of the care necessary to prevent bad after effects. In the Schick Test and toxin antitoxin, we have a means of controlling Diphtheria and we trust that before long, its benefits will be realized and the protection it affords, will be taken advantage of, generally. We again urge that the Schick Test and immunization

with toxin antitoxin be taken advantage of to protect our children against the disease. And in the meanwhile, that all "sore throats" be looked upon with suspicion and as requiring the prompt calling of a physician and, if necessary, prompt use of antitoxin. Even though a child has had toxin antitoxin administered if shortly afterwards it becomes exposed to Diphtheria, it should be immunized with antitoxin. This because the immunity conferred by the antitoxin develops very rapidly but is effective only for a short time, approximately six weeks, while the immunity conferred by toxin antitoxin lasts much longer, ranging from about six months to a lifetime but develops slowly. Three nurses were employed by this department during the latter part of May to work with the same number of nurses of the District Nursing Association under the supervision of Miss Mary A. Jones, Superintendent of the Association, for Infant Welfare Work. We are sure that although the working force is small compared with the work they have before them, much good will be accomplished in lowering our too high infant mortality rate. This being mostly a matter of education of mothers, as to the proper care of their infants, will take time and can only be effective through the cooperation of parents.

> If you have to cough or sneeze, Do it behind your handkerchief, please.

This is the time of the year when so much of our time is spent indoors, in overcrowded poorly ventilated theatres, halls, street cars, etc., that the careless cougher or sneezer, disregarding the comfort and health of those nearby, presents us with the colds for which we cannot account.

In the state of New York, the law requires everybody to "cover up their coughs and sneezes, so they will not spread diseases." That person who deliberately violates this law should be prosecuted goes without saying, but it is a difficult law to enforce and probably is not enforced effectively, We have no such law in Massachusetts but the Golden rule should be of especial significance and we should be careful about covering up so that we will not cough or sneeze disease germs from our nose and throat into the faces and mouths of our neighbors. For not only are we apt to spread colds, but likewise pneumonia and other respiratory diseases.

## MORTALITY FOR THE MONTH OF NOVEMBER, 1922

1	.—Endemic or Infectious Diseases	
	,	0
1	Typhoid fever (abdominal typhoid and para-typhoid)  0. Typhoid fever  1. Paratyphoid fevers	
3	Typhus fever (exanthematous) Relansing fever (spirillum obermei-	
5	eri) Melito—coccosis (Malta fever) Malarial fever or cachexia 0. Malarial fever 1. Malarial cachexia	
6	1. Malarial cachexia	435
7 8	Scarlet fever	28
9 10 11	Smallpos Measles Scarlet fever Whooping cough Diphtheria Influenza Complications:	15
	1. Bronchitis	
	2. Heart diseases	
	3. Nephritis 4. Meningitis 5. Gastro intestinal 6. Puerperal	
	1. Others	
12 13	Miliary fever	
14 15	Mumps Asiatic cholera Cholera nostras (choleriform enteritis)	
16	teritis) Dysentery 0. Amebic 1. Bacillary 2. Unspecified or due to other	
	causes	
17	Plague 0. Bubonic 1. Pneumonic 2. Septicemic	
	1. Pneumonic 2. Septicemic 3. Unspecified	
18	Yellow fever Icterohemorrhagica spirochetosis	
19	Leprosy	
21	Leprosy Erysipelas Acute poliomyelitis Encephalitis lethargica Epidemic cerebro-spinal meningitis.	
23 24 25	Epidemic cerebro-spinal meningitis.	1
20	Other epidemic diseases  O Varicella  Rubella  Septic Sore Throat.	
0.0	2. Septic Sore Throat	
26 27 28 29	Purulent or septicemic infection Glanders and farcy. Malignant pustule (anthrax) Rabies Tetanus	1
30	Tetanus	
32	Mycoses Tuberculosis of the respiratory system Tuberculosis of the meninges or of the central nervous system. Tuberculosis of the intestines or	7
33	Tuberculosis of the meninges or of the central nervous system.	1
34		^
35 36 37	peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints Tuberculosis of other organs and structures  On Tuberculosis of the office or	
	1. Tuberculosis of the bones	
	(except vertebral column).  2. Tuberculosis of the lymphatic system (except the	
	mesenteric and retroper-	
	itoneal glands)  Tuberculosis of the genito- urinary system	
38		
	Disseminated tuberculosis  O. Acute (including miliary tuberculosis of the lungs, except that specified as	
	chronic or pulmonary) 1. Chronic	
39	Synhilis (includes synhilic infection	
	of any organ, tissue or structure of the body) 0. Primary 1. Secondary	
	1. Secondary 2. Tertiary	
	2. Tertiary 3. Hereditary 4. Period not specified	1
40		
41	statistics only) Gonococcal infection except that of the eye or adnexa	
42	the eye or adnexa Gonococcal ophthalmia	

1	II.—General Diseases Not Included Above.	
43		
	Cancer or other malignant tumors of the buccal cavity.  0. Cancer of the lip. 1. Cancer of the tongue. 2. Cancer of the mouth. 3. Cancer of the jaw. 4. Others Cancer or other malignant tumors of the stomach and liver. 0. Cancer of the pharynx. 1. Cancer of the esophagus. 2. Cancer of the stomach. 3. Cancer of the liver and gall bladder Cancer or other malignant tumors of the peritoneum, intestines and	
	1. Cancer of the tongue 2. Cancer of the mouth	
	3. Cancer of the jaw	
44	Cancer or other malignant tumors	
	0. Cancer of the pharynx	
	1. Cancer of the esophagus	2
	3. Cancer of the liver and gall	~
45	Cancer or other malignant tumors	
	of the peritoneum, intestines and rectum  0. Cancer of the mesentery and	
	0. Cancer of the mesentery and	
	peritoneum	
	cept rectum)	3
	annus	
46	3. Others Cancer or other malignant tumors	
	0. Cancer of the ovary and	
	fallopian tubes	2
	2. Cancer of the vagina and	-
	3. Others	
47	Cancer or other malignant tumors of the breast	
48	Cancer or other malignant tumors of the female genital organs  O. Cancer of the ovary and fallopian tubes  1. Cancer of the uterus  2. Cancer of the vagina and vulva  3. Others  Cancer or other malignant tumors of the breast  Cancer or other malignant tumors of the skin  Cancer or other malignant tumors of other or unspecified organs  O. Cancer of the larynx.	
49	Cancer or other malignant tumors	
	of other or unspecified organs 0. Cancer of the larynx	
	1 Cancer of the lung and	
	2. Cancer of the pancreas	1
	2. Cancer of the pancreas 3. Cancer of the kidneys and suprarenals 4. Cancer of the prostate 5. Cancer of the bladder 6. Cancer of the brain 7. Cancer of the bones (except tay)	
	4. Cancer of the prostate 5. Cancer of the bladder	
	6. Cancer of the brain 7. Cancer of the bones (except	
	7. Cancer of the bones (except jaw)  8. Cancer of the testes	
	8. Cancer of the testes 9. Others	1
50	Benign tumors and tumors not re-	
	nign or non-specified tumors of	
	0. Tumor of the brain	
	1. Tumor of thorax	
	3. Tumor of bladder	
	5. Tumor of other location	
51 52	Acute febrile articular rheumatism Chronic rheumatism or gout	1
	0. Chronic rheumatism 1. Chronic gout	
53	Scurvy	
54 55	Pellagra Beri-beri	
56 57	Rickets Diabetes	1
58	Diabetes Anemia, Chlorosis  0. Pernicious anemia 1. Other anemias and chlorosis Diseases of the pituitary gland. Diseases of the thyroid gland.  0. Exophthalmic goitre 1. Other diseases of the thy-	ł
	1. Other anemias and chlorosis	
59 60	Diseases of the pituitary gland  Diseases of the thyroid gland	
	0. Exophthalmic goitre	
0.4	roid gland	
61	Diseases of the thymus	
63		
64	Diseases of the spieen	
65	0. Leukemia	
66	0. Leukemia	1
67	Chronic poisoning by mineral sub-	1
	0. Chronic lead poisoning	
68	stances 0. Chronic lead poisoning 1. Others Chronic poisoning by organic sub-	
69	stances Other general diseases	
	U. Acidosis	
	2. Autointoxications	
	3. Hemophilia 4. Purpura hemorrhagica 5. Others	
	5. Others	
		_

H	.—Diseases of the Nervous Syst and Organs of Special Sense.	em
70	Encenhalitis	
71		1
	Simple     Non-epidemic cerebro - spin- al meningitis  Progressive locomotor ataxia (tabes dorsalis)	,
72	Progressive locomotor ataxia (tabes dorsalis)	
73	Progressive locomotor ataxia (tabes dorsalis) Other diseases of the spinal cord.  0. Bulbar paralysis (Duchenne's disease) 1. Paralysis agitans (Parkinson's disease) 2. Acute ascending spinal paralysis (Landry's disease). 3. Myelitis	
	1. Paralysis agitans (Parkin- son's disease)	
	<ol> <li>Acute ascending spinal par- alysis (Landry's disease).</li> </ol>	
74	3. Myelitis 4. Others Cerebral hemorrhage, apoplexy	
	0. Cerebral hemorrhage	10
75	Paralysis (without specified cause) 0. Hemiplegia 1. Other forms of paralysis. General paralysis (of the insane). Other forms of meatal elleration	
76	1. Other forms of paralysis	•
77	Other forms of montal alianation	
78	Epilepsy Inental anenation	
79	Convulsions (non - puerperal) (5	
80	General paralysis (of the insane). Other forms of mental alienation. Epilepsy Convulsions (non-puerperal) (5 years and over) Infantile convulsions (under five years of age). Chorea  0. Chorea 1. Hysteria and neuralgia 2. Neuritis	
81	Chorea	
	1. Hysteria and neuralgia	
82	2. Neuritis Softening of the brain Other diseases of the nervous sys-	
83	Other diseases of the nervous system	3°
84	Diseases of the organs of vision and adnexa except gonococcal infec-	
	adnexa except gonococcal infec- tion, No. 42 0. Diseases of the eye (except tumor) 1. Follicular conjunctivitis 2. Trachoma	
	1. Follicular conjunctivitis	
	2. Trachoma 3. Tumors of the eye	
05	4. Other diseases of the eye or its adnexa	
85	and the mastoid process	
	2. Trachoma 3. Tumors of the eye 4. Other diseases of the eye or its adnexa Diseases of the organs of hearing and the mastoid process 0. Diseases of the ear 1. Diseases of the mastoid process	
137	process	
IV. 86	Diseases of the Circulatory System Pericarditis	
87	Acute endocarditis and myocarditis	1
88	0. Acute endocarditis 1. Acute myocarditis Angina pectoris	4
89	Angina pectoris Other diseases of the heart  0. Chronic endocarditis 1. Chronic myocarditis	5
	1. Chronic myocarditis 2. Other chronic diseases of	4
90	the heart	7
91	Atheroma and other diseases of the	5
92	arteries Embolism and thrombosis (except cerebral)	
93	cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.)	
94	(lymphangitis, etc.)	
95	(lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system.	
V.—	Diseases of the Respiratory System	00
96	Diseases of the Respiratory System Diseases of the nasal fossae and their adnexa	
	0. Diseases of the nasal fossae	
97	their adnexa.  0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer Bronchitis	
98	Bronchitis  O. Acute	
	1. Chronic	2
	5 years of age	
99	5 years of age.  S. Not otherwise defined, 6 years and over.  Broncho pneumonia (including capillary bronchitis)  O. Broncho pneumonia  I. Capillary bronchitis  Pneumonia	1
	o. Broncho pneumonia	9
00	1. Capillary bronchitis Pneumonia	1
	0. Lobar 1. Not otherwise specified	5
01	0. Pleurisy	•
	1. Empyema of thoracic cavity	

102	Congestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolic acid
	orrhage of the lung	nancy 1	3. Cocaine
103	Asthma	144 Puerperal hemorrhage	4. Lysol
	Emphysema of the lung	0. Cesarian section	6. Wood alcohol
106	Other diseases of the respiratory	1. Other surgical operations	7. Others
	system (tuberculosis excepted)  0. Chronic interstitial pneumo-	and instrumental delivery 2. Others	178 Condagration
	nia (including occupational	146 Paciperal septicebak	179 Accidental burns and scalds (con-
	diseases of the lung)  1. Diseases of the mediasti-	14/ Phlegmasia alba dolens, puerperal embolism or sudden puerperal	flagration excepted)
	num	death	1. Lamps
	2. Others	148 Puerperal albuminuria or convul-	2. Steam
VI	-Diseases of the Digestive System.	sions	4. Matches
	Diseases of the mouth and adnexa.	tion)	5. Bonfires
101	0. Diseases of the teeth and	150 Puerperal diseases of the breast	6. Others
	1. Other diseases of the buccal	iX.—Diseases of the Skin or Cellular	180 Accidental mechanical surocation
	cavity and adnexa	Tissue.	0. Foreign body in larynx 1. Overlying
108	Diseases of the pharynx and tonsils		2. Others
	(includes adenoids)	151 Gaugrene 152 Boil, carbuncle, furuncle 1	181 Accidental absorption of irrespir-
	1. Ludwig's angina	153 Phlegmon, acute abscess	able or poisonous gas
	2. Tonsilitis	154a Tinea and alopecia (morbidity only)	1. Chloroform or ether
	4. Others	154b Pruritis (morbidity only)	2. Coal gas
109	Diseases of the esophagus	155 Other diseases of the skin and its	4. Sewer gas
110	Ulcer of the stomach and duode-	adnexa	5. Other gases
	0. Ulcer of the stomach	X.—Diseases of the Bones and Organs	182 Accidental drowning
111	1. Ulcer of the duodenum Other diseases of the stomach (can-	of Locomotion.	0. Rivers, ponds, etc
111	cer excepted		1. Others
	0. Indigestion	156 Diseases of the bones (tubercu- losis excepted)	(wounds of war excepted)
	1. Gastritis	157 Diseases of the joints (tubercu-	184 Accidental injury by cutting or piercing instruments
	lorus	losis and rheumatism excepted)  158 Other diseases of the bones or or-	185 Accidental injury by falls
112	3. Others	gans of locomotion	0. Down shafts, hatchways, holds of vessels
	years of age) 13	XIMalformations.	1. Down stairs
-113	Diarrhea and enteritis (2 years and over) 2		2. From buildings
114	Ankylostomiasis	159 Congenital malformations (still-births excepted)	3. From fire-escapes
115	Diseases due to other intestinal	U. Hydrocephalus	5. From windows
	parasites	1. Malformations of the heart 2. Others	6. From vehicles
	liver excepted)		9. Other falls
	1. Trematodes	XII.—Diseases of Early Infancy.	186 Accidental traumatism in mines and quarries
e	kylostoma)	160 Congenital debility, icterus and	0. In mines
	3 Coccidia	scierema 0. Marasmus	1. In quarries
116	5. Parasites not specified Appendicitis and typhlitis	1. Inanition	0. Deaths by machinery
117	Hernia, intestinal obstruction	3. Selerema	1. Deaths by elevators 188 Accidental traumatism by other
	0. Hernia	4. Others	188 Accidental traumatism by other crushing (vehicles, railways,
118		labor	landslides, etc.)
	0. Diseases of the anus and	0. Premature birth 6	etc
	stercoral fistulae	1. Injury at birth	1. Run over by automobiles 2. Run over by other vehicles
440	Acute yellow atrophy of the liver.	fancy	3. Run over by electric surface
119 120	Hydatid tumor of the liver	i. Atelectasis	4. Run over by steam railroad
121	Cirrhosis of the liver	2. Umbilical infection	cars
	1. Not returned as alcoholic 1	4. Others	5. Run over by elevated rail-
122	Biliary calculi	163 Lack of care	6. Run over by subway cars
123 124	The second second	XIII.—Old Age.	7. Crushed by falling bodies 8. Crushed by derricks, stones,
	cancer	164 Old age (senility) 2	etc
126	Peritonitis of unstated cause Other diseases of the digestive	XIV.—External Causes.	9. Other causes
	system (cancer and tuberculosis		190 Wounds received in war
	excepted)	165 Suicide by solid or liquid poisons (corrosive substances excepted)	191 Executions of civilians by bellig-
VI	I.—Non-Venereal Diseases of the	0. Opium, morphine	erent armies 192a Excessive labor
	Genito-Urinary System and	1. Strychnine	192b Starvation (deprivation of food or water)
	its Adnexa.	3. Others	193 Excessive cold
127	Acute nephritis (including unspeci-	166 Suicide by corrosive substances  0. Arsenic (paris green)	194 Excessive heat 195 Lightning
<b>4</b> 128	fled under 10 years of age) 2 Chronic nephritis (including un-	0. Arsenic (paris green) 1. Bichloride of mercury	196 Other accidental electric shocks
	specified over 10 years of age 5	2. Carbolic acid	197 Homicide by firearms
129	Chyluria Other diseases of the kidneys and	4. Oxalie acid	struments
130	their adnexa (diseases of the	5. Muriatic acid (hydrochloric acid)	199 Homicide by other means
404	kidney in pregnancy excluded) Calculi of the urinary passages	6. Other corrosive poisons	then I year of age)
132	Diseases of the bladder (except	167 Suicide by poisonous gas	701 Fracture (cause not specified)
400	tumors)	1. Chloroform	Dislocations
133	ahease atc	2. Coal gas 3. Others	2. Fractures (cause unspeci-
	0. Stricture of the urethra	168 Suicide by hanging or strangulation	fied)
134	1. Others Diseases of the prostate (except	169 Suicide by drowning	0. Criminal abortion
	tumors)	0. Rivers, etc.	1. Explosions 2. Salvarsan injection
135	Non-venereal diseases of the male genital organs	170 Suicide by firearms	3. Other medicaments (injec-
136	Cysts and other benign tumors of	171 Suicide by cutting or piercing in- struments	4. Other external violence
137	the ovary Salpingitis or pelvic absecss 1	struments 172 Suicide by jumping from high	203 Violent deaths of which the cause
138	Benign tumors of the uterus 1	173 Suicide by crushing	is unknown
139 140		1/4 Other suicides	XVIll-Defined Diseases.
141	Other diseases of the female genital	175 Poisoning by food	
440	organs	1. Shall fish	204 Sudden death
142	breast (cancer excepted)	2. Pork sausages	defined
	VIII.—The Puerperal State.	176 Poisoning by venomous animals	0. Ill-defined or not specified 1. No disease; malingering
143	Accidents of pregnancy	177 Other acute accidental poisonings	2. Surgical operation
	0. Abortion	0. Ethyl alcohol 2	TOTAL 18
	1. Ectopic gestation 1	1. Bichloride of mercury	TOTAL 18
-			

### CONTAGIOUS HOSPITAL REPORT FOR NOVEMBER, 1922

	Diptheria and Measles	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat	Diphtheria	Malaria	Scarlet Fever and Diptheria	T. B Meningitis	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Diphtheria and Chicken Pox	Influenza Pneumonia	6	Scables	Total
Patients admitted Termination { Recovery Death	3 2 	1  1		1 1	15 12 4		2	***			3 4	Op	1  1		•••			24 21 6

#### DEATHS BY AGES

	100	80	males
	Total	Mal	Fer
Under I day		4	1
1-2 days	θ	0	()
2-3 days	0	0	0
3 days-1week	3	2	1
1-2 weeks	1	()	1
2-3 weeks	1	1	0
3 wks-1 month	1	0	1
1-2 months	1	0	1
2-3 months	1	0	1
3-6 months	7	4	3
6-9 months	6	4	2
9-12 months	5	4	1
1 year		11	15
2 years	10	•)	5
3 years	3	0	3
4 years	7	4	3
5-9 years	8	ŏ	3
10-14 years	1	1	0
15-19 years	4	0	4
20-24 years	1	()	}
25-29 years	5	2	3
30-34 years	4	1	3
35 39 years	5	2	3
40-44 years	()	3	7
45-49 years	5	3	2
50-54 years	6	2	4
55-59 years	9	÷)	4
60-64 years		3	3
65 69 years 1	1	9	2
71)-74 years	9	6	:3
75-79 years1	0	4	6
80-84 years	6	3	3
85-89 years	3	1	2
90-94 years	1	1	0
95-99 years	0	0	0
100+	0	0	0
Unknown	0	0	()
Total18	31	90	91

#### DEATHS BY WARDS

<b>1</b>	22
<b>2</b>	28
3	23
4	
5	12
6	20
7	2
8	
9	14

#### HOSPITALS

City Hospital1	8
Union Hospital	
St. Anne's Hospital	3
Bay View Hospital	2
Truesdale Hospital	1
Contagious Hospital	5
City Home	9

#### STILL BIRTHS

Males	2
Females	4
Unknown	
Total	6

NATIVITY	
Fall River	. 100
Massachusetts	
Other States	9
Ireland	15
Canada	15
England	14
Scotland	3
Germany	1
Azores	
Austria	
France	
Belgium	
Russia	
Portugal	
Italy	
Poland	
Denmark	
Australia	
Sweden	
Spain	
Greece	
Brazil	
Syria	
Western Islands	
Wales	
Unknown	

### CEMETERIES

Oak Grove
North Burial Ground 8
St. John's
St. Mary's
St. Patrick's53
Notre Dame
Nwoo Hill
Agedas Aham
Our Lady of Light
Bennett
Sent away for interment14
Brought here for interment30
CEV
SEX
Male 90
Female 91
COLOR

White Colored...

		DITIG	
Married .			 44
Single			 112
Unknown			 1
	~~~		 ***

#### There were 537 cases of contagious diseases reported for Nov., viz: Diphtheria ....

.11 . 2 .16 . 2 . 6

Ocaliet I Cycl	
Typhoid Fever	
Tuberculosis of Lungs	
Tuberculosis, other forms	
Whooping Cough	
Measles	
Ophthalmia Neonatorum	
Suppurative Conjunctivitis 3	
Chicken Pox21	
Anterior Poliomyelitis	
Cerebro-Spinal Meningitis 2	
Pneumonia, Lobar21	
Influenza1	
Septic Sore Throat 1	
Mumps 1	
German Measles	
Y 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

Lethargica Encephalitis

Pellagra ..... Gonorrhoea

Syphilis

The following is the number of contagious diseases reported in each ward:

1-70 2--98 3--40 4-35 5-94 6-100 7-16

Estimating the population at 128,487, 181 deaths would give an annual death rate of 16.90 in 1,000 This is 45 more than last month and 46 more than the same month in 1921.

FRANK L. LARKIN, Secretary.



- OF THE -

# BOARD OF HEALTH

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SAMUEL B. MORRISS, AGENT

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VOLUME IX

JANUARY, 1923

NUMBER 1

### Some Preliminary Figures of 1922.

The total number of deaths recorded in the city during the year just past was 1926, an increase of 212 over the number for 1921 which was 1714. Although there has been a general trend upward throughout the registration area, we however in addition to having had more deaths occur in 1922 than 1921, also exceeded the number for any year since 1918. The number of deaths under five years shows an increase from 604 in 1921 to 679 in 1922, the deaths of infants under one year for 1922 was 448, which is an increase of 24 more than 424, the number for 1921. More than half of this increase in deaths recorded was due to the excessive number of persons who died from communicable diseases. But for these deaths from preventable causes our infant mortality figures would show a better rate than the previous year.

Pulmonary and Laryngeal Tuberculosis cases show a decrease in the number of cases reported but an increase in the number of deaths occurring, the figures being 213 cases and 93 deaths for 1921 and 201 cases and 111 deaths for 1922. Tuberculosis, all other forms, shows a decrease of six cases and an increase of one death, 1921's record being 36 cases and 24 deaths and 1922, 30 cases and 25 deaths.

Both the number of cases of Diphtheria and the deaths recorded from this disease during the last year were the greatest on record, the number of cases increasing approximately fifty percent and the deaths over one hundred percent. The cases and deaths for 1922 being 332 and 53 compared with 223 and 23 respectively for 1921. Because of the large number of cases being reported and the excessively high number of deaths resulting, arrangements were made for Schick testing and the immunizing of susceptibles in the schools throughout the city but comparatively few persons have taken advantage of the protection so afforded. Scarlet Fever shows an increase of forty-seven cases and two deaths, the number of cases reported 165 being the largest since 1915 when the number of cases reported was 183.

The one gratifying feature of our 1922 figures is the reduction in the number of cases of Typhoid Fever reported which decreased from 77 in 1921 to 45 in 1922. The number occurring during the year just past being less than in any one year since 1885. Four deaths resulted, one more than the number in 1921, but less than the average for the past ten years which is 11. The deaths from this disease for the

past four years have been quite few in number and with the falling off in cases reported, we hope to be able to announce in the near future that we have equalled the record of our neighboring city, Providence, R. I. which did not have a single death from Typhoid Fever for 1922.

The number of cases of Measles reported during the year has been exceeded but once since the disease was first made reportable in 1905 and that in the year 1917 when there were 1700 cases. The number reported for the year was 1248, an increase of 857 over 391 the number for 1921. Of the total number of cases, 1066 were reported in the last three months of the year. The number of cases of the disease which resulted fatally was 53, an increase of 25 over the deaths during 1921 and with the exception of three, all these deaths occurred in the last three months of the year. There were also four cases of German Measles reported.

Lobar Pneumonia showed an increase both in the number of cases reported and deaths recorded, increases of 38 and 16 respectively over the previous year. The figures for cases were exceeded but twice since 1917, the first year that it was reportable, in 1920 when there were 216 cases and in 1918, the year of the Influenza epidemic, when there were 444, during the same period the number of deaths was greater than any year except 1918 when there were 100 deaths. The cases and deaths for 1922 were 206 and 61 respectively.

Chicken Pox with 69 cases reported and no deaths showed a decrease of 31 and 1 respectively from the figures of 1921. There were four more cases of Mumps reported, for the past year the number being 108.

Whooping Cough with 88 cases, the lowest number since 1913, and 16 deaths was another of the few reportable diseases which showed a decrease both in cases and deaths, the decreases being 283 and 14 respectively.

Of the rarer diseases Anterior Poliomyelitis with 12 cases and one death and Cerebro Spinal Meningitis with 14 cases and 7 deaths exceeded the figures for the previous year which were 2 cases and one death and 5 cases and 3 deaths, respectively.

The other reportable diseases were about normal both as to cases and deaths.

# MORTALITY FOR THE MONTH OF DECEMBER, 1922

1.	-Endemic or Infectious Diseases	
Ħ	Typhoid fever (abdominal typhoid and para-typhoid)	
2	1. Paratyphoid fevers	
	Relapsing fever (spirillum obermeieri) Melito—coccosis (Malta fever)	
5	Melito—coccosis (Maita lever) Malarial fever or cachexia.  0. Malarial fever 1. Maiarial cachexia Smallpox Measles Scarlet fever When the cough	
6	1. Malarial cachexia	
6 7 8	Measles Scarlet fever	16
9 10 11	Diphtheria	7
	Inituenza Complications: 0. Pneumonia 1. Bronchitis 2. Heart diseases 3. Nephritis 4. Meningitis 5. Gastro Intestinal	1
	1. Bronchitis	
	3. Nephritis	
	6. Puerperal	,
12	Miliary lever	1
13 14	Mumps Asiatic cholera Cholera nostras (choleriform en-	
15	[elilis]	
16	Dysentery	
	1. Bacillary 2. Unspecified or due to other causes	
17	Plague	
	0 Rubonic	
	2. Septicemio	
18 19	Yellow fever	
20		
22	Encephalitis lethargica	1
24 25	Other epidemic diseases	2
	Erysipelas Acute poliomyelitis Encephalitis lethargica Epidemic cerebro-spinal meningitis. Other epidemic diseases  0 Varicella 1. Rubella 2. Septic Sore Throat	
26	Purulent or septicemic infection Glanders and farcy Malignant pustule (anthrax) Rables	
27 28 29	Malignant pustule (anthrax)	
30	Telanus	
32	Tuberculosis of the respiratory system	12
33	Tetanus Mycoses Tuberculosis of the respiratory system Tuberculosis of the meninges or of the central nervous system. Tuberculosis of the intestines or	1
34	I doct catosis of the Interestinos o-	1
35 36	Tuberculosis of the vertebral column Tuberculosis of the joints	
37	Tuberculosis of other organs and	
	0. Tuberculosis of the skin or subcutaneous cellular tissue	
	1. Tuberculosis of the bones (except vertebral column).	
	(except vertebral column).  Tuberculosis of the lymphatic system (except the	
	itoneal glands)	
	urinary system	
38	4. Tuberculosis of other organs Disseminated tuberculosis	
	0. Acute (including miliary tu- berculosis of the lungs, ex- cept that specified as	
	enronic or pulmonary)	1
39	1. Chronic	
	of any organ, tissue or structure of the body)	
	0. Primary	
	2. Tertiary	1
40	Soft chance (used for morbidity	
41	statistics only) Gonococcal infection except that of the eye or adnexa	
42	the eye or adnexa	

1	I.—General Diseases Not Included	
10	Above.	
43	Cancer or other malignant tumors of the buccal cavity.  0. Cancer of the lip. 1. Cancer of the tongue. 2. Cancer of the mouth. 3. Cancer of the jaw. 4. Others Cancer or other malignant tumors of the stomach and liver. 0. Cancer of the esophagus. 1. Cancer of the esophagus. 2. Cancer of the stomach. 3. Cancer of the liver and gall bladder	
	0. Cancer of the lip	
	2. Cancer of the mouth	
	4. Others	
44	Cancer or other malignant tumors of the stomach and liver	
	0. Cancer of the pharynx	
	2. Cancer of the stomach.	5
	bladder	1
45	bladder Cancer or other malignant tumors of the peritoneum, intestines and	
	rectum	
	peritoneum	
	peritoneum  1. Cancer of the intestines (except rectum)	
	cept rectum)	
	annus	
46	of the female genital organs	
	0. Cancer of the ovary and	
	1. Cancer of the uterus	3
	2. Cancer of the vagina and vulva	
47	3. Others  Cancer or other malignant tumors of the female genital organs  0. Cancer of the ovary and fallopian tubes  1. Cancer of the uterus  2. Cancer of the vagina and vulva  3. Others  Cancer or other malignant tumors	
	Cancer or other malignant tumors of the breast Cancer or other malignant tumors	2
48	of the skin	
49	of the skin	
	v. Cancer of the larynx	
	1. Cancer of the lung and pleura	
	pleura  2. Cancer of the pancreas  3. Cancer of the kidneys and suprarenals	1
	suprarenals	
	5. Cancer of the bladder	
	6. Cancer of the brain 7. Cancer of the bones (except	
	7. Cancer of the bones (except jaw)	1
	9. Others	1
50	turned as malignant (except be-	
	nign or non-specified tumors of the overy and uterus—136, 138)	
	0. Tumor of the brain	1
	2. Tumor of abdomen	
	4. Tumor of bladder	
51	5. Tumor of other location	
52	Chronic rheumatism or gout	
	1. Chronic gout	
53 54	Scurvy	
55 56	Pellagra Beri-beri	
57	Rickets Diabetes	4
58	Anemia, Chlorosis  O. Pernicious anemia	
59	1. Other anemias and chlorosis Diseases of the pituitary gland Diseases of the thyroid gland	
60	Diseases of the thyroid gland	
	Exophthalmic goitre     Other diseases of the thy- roid gland	
61	roid gland Diseases of the parathyroid gland. Diseases of the thymus	
62	Diseases of the thymus	
63	Addison's disease (disease of the adrenals)	
64 65	Leukemia and Hodgkin's disease.	
66	1. Hodgkin's disease	1
67	stances	
	0. Chronic lead poisoning	
68	Chronic poisoning by organic sub-	
69	stances  0. Chronic lead poisoning 1. Others Chronic poisoning by organic substances Other general diseases 0. Acidosis	
	1. Amyloid decemerations	1
	2. Automtoxications 3. Hemophilia	
	gurpura nemorrnagica	
	5. Others	

HI.	-Diseases of the Nervous Syste and Organs of Special Sense.	m
70	Encephalitis	
71	0. Simple	1
72	Progressive locomotor ataxia (tabes	
73	dorsalis) Other diseases of the spinal cord.  0. Bulbar paralysis (Duchen-	
	0. Bulbar paralysis (Duchen- ne's disease)	
	Paralysis agitans (Parkin- son's disease)     Acute ascending spinal par-	
	alysis (Landry's disease)	
74	4. Others	
, ,	0. Cerebral hemorrhage	ñ
75	bolism Paralysis (without specified cause) 0. Hemiplegia 1. Other forms of paralysis General paralysis (of the insane)	
	0. Hemiplegia	
76	General paralysis (of the insane)	
77 78		2
79	Convulsions (non - puerperal) (5	6
80	years and over)	
81	Chorea  O. Chorea	
01	0. Chorea	
	1. Hysteria and neuralgia	
82 83	2. Neuritis	
	tem	1
84	Diseases of the organs of vision and adnexa except gonococcal infec- tion, No. 42	
	U. Diseases of the eve (excent	
	1. Follicular conjunctivitis	
	2. Trachoma	
85	its adnexa Diseases of the organs of hearing and the mastoid process  Diseases of the ear  Diseases of the mastoid process	
	and the mastoid process  0. Diseases of the ear	
	1. Diseases of the mastoid	
w	-Diseases of the Circulatory Syste	
86	Pericarditis	1
87	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis	1
88	0. Acute endocarditis 1. Acute myocarditis	5
89	Angina pectoris Other diseases of the heart  0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart	
	1. Chronic myocarditis	7
		3
90 91	Atheroma and other diseases of the	
92	Embolism and thrombosis (owent	8
93	Diseases of the veins (various	
94	hemorrhoids, phlebitis, etc.)	
	(lymphangitis, etc.)	
95	cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system.	
V	Diseases of the Respiratory System	n.
96	Diseases of the nasal fossae and	
	0. Diseases of the nasal fossae	
97	Diseases of the Respiratory System Diseases of the nasal fossae and their adnexa 0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer Bronchitis 0. Acute	
98	Bronchitis	1
	0. Acute 1. Chronic 2. Not otherwise defined under	0
	2. Not otherwise defined under	3
	5 years of age	
99	years and over	
	Broncho pneumonia (including cap- illary bronchitis)	
	1. Capillary bronchitis	17
100	0. Lobar	4
101	1. Not otherwise specified	
	0. Pleurisy	
	1. Empyema of thoracic cavity	1

102	Congestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolic acid
103	Orrhage of the lung 1	. 144 Fuerperal hemorrhage	3. Cocaine 4. Lysol
104	Asthma	• 148 Other accidents of childbirth	6. Wood alcohol
105	Other diseases of the respiratory	0. Cesarian section	7. Others
100	system (tuberculosis excepted)	and instrumental delivery 2. Others	8. Not specified or unknown
	0. Chronic interstitial paramo nia (including occupations)	146 Fuerperal septicemia	179 Accidental burns and scalds (con
	diseases of the lung)	147 Phlegmasia alba dolens, puerpetal embolism or sudden puerperat	flagration excepted)
	1. Diseases of the mediasti- num	death	1. Lamps
	2. Others	148 Puerperal albuminuria or convul- sions	2. Steam
VI.	-Diseases of the Digestive System.	149 Childbirth (without other explana-	4. Matches 5. Bonfires
107	Diseases of the mouth and adnexa.	150 Puerperal diseases of the breast	6. Others
	0. Diseases of the teeth and gums	IXDiseases of the Skin or Cellular	7. Unknown
	1. Other diseases of the buccal		0. Foreign body in larynx
108	Diseases of the pharynx and tonsils	Tissue.	1. Overlying
	(includes adenoids)	151 Gangrene	181 Accidental absorption of irrespir-
	0. Streptoccic sore throat 1. Ludwig's angina	153 Phlegmon, acute abscess	able or poisonous gas
	2. Tonsilitis	154a Tinea and alopecia (morbidity only)	1. Chloroform or ether
	3. Adenoids	154b Pruritis (morbidity only)	3. Ammonia fumes
109	Diseases of the esophagus	155 Other diseases of the skin and its	4. Sewer gas
110	num		6. Unknown
	1. Ulcer of the stomach	X.—Diseases of the Bones and Organs	182 Accidental drowning
111	Other diseases of the stomach (can-	of Locomotion.	1. Others
	0. Indigestion	156 Diseases of the bones (tubercu-	183 Accidental injury by firearms (wounds of war excepted)
	1. Gastritis	losis excepted)	184 Accidental injury by cutting or
	2. Stricture or stenosis of py- lorus	losis and rheumatism excepted)	piercing instruments
	3. Others	158 Other diseases of the bones or organs of locomotion	0. Down shafts, hatchways
112	Diarrhea and enteritis (under 2 years of age)		holds of vessels
113	Diarrhea and enteritis (2 years and	XI.—Malformations.	2. From buildings
114	over) Ankylostomiasis	189 Congenital malformations (still-births excepted)	3. From fire-escapes
	Diseases due to other intestinal	0. Hydrocephalus	5. From windows
	parasites	1. Malformations of the heart 2. Others	6. From vehicles
	liver excepted)	XIIDiseases of Early Infancy.	9. Other falls
	2. Nematodes (other than an-		quarries
	kylostoma)	180 Congenital debility, icterus and selerema	0. In mines
	4. Other parasites	0. Marasmus	187 Accidental traumatism by machines
116	5. Parasites not specified Appendicitis and typhlitis	1. Inanition	0. Deaths by machinery 1. Deaths by elevators
117	Hernia, intestinal obstruction	3. Sclerema	188 Accidental traumatism by other
	0. Hernia 2 1. Intenstinal obstruction	4. Others	crushing (vehicles, railways.
118	Other diseases of the intestines	labor	0. Run over by wagons, trucks,
	0. Diseases of the anus and stercoral fistulae	0. Premature birth 9 1. Injury at birth 2	1. Run over by automobiles
	1. Other diseases of the intes-	162 Other diseases peculiar to early in-	2. Run over by other vehicles
119	Acute yellow atrophy of the liver	0. Asphyxia neonatorum	3. Run over by electric surface cars
120	Hydatid tumor of the liver	1. Atelectasis	4. Run over by steam railroad
12	0. Returned as alcoholic	3. Umbilical hemorrhage	5. Run over by elevated rail-
199	1. Not returned as alcoholic 1 Biliary calculi	4. Others	6. Run over by subway cars
123	Other diseases of the liver		7. Crushed by falling bodies
124	Diseases of the pancreas except	XIII.—Old Age.	8. Crushed by derricks, stones, etc.
128	Peritonitis of unstated cause	164 Old age (senility)	9. Other causes
120	Other diseases of the digestive system (cancer and tuberculosis	XIV.—External Causes.	189 Injuries by animals (not poisoning) 190 Wounds received in war
	excepted)	165 Suicide by solid or liquid poison. (corrosive substances excepted)	191 Executions of civilians by belligerent armies
V	INon-Venereal Diseases of the	0. Opium, morphine	192a Excessive labor
	Genito-Urinary System and	1. Strychnine	192b Starvation (deprivation of food or water)
	its Adnexa.	3. Others	193 Excessive cold
12	Acute nephritis (including unspeci-	166 Suicide by corrosive substances  0. Arsenic (parls green)	194 Excessive heat 195 Lightning
12	fied under 10 years of age)  Chronic nephritis (including un-	1. Bichloride of mercury 2. Carbolic acid	196 Other accidental electric shocks
	specified over 10 years of age 10	3. Cyanides (prussic acid)	198 Homicide by cutting or piercing in-
12	Other diseases of the kidneys and	4. Oxalic acid	struments
	their adnexa (diseases of the	acid)	200 Infanticide (murder of infants less
13	kidney in pregnancy excluded)  1 Calculi of the urinary passages	6. Other corrosive poisons  167 Suicide by poisonous gas	than 1 year of age)
13	2 Diseases of the bladder (except	0. Illuminating gas	Dislocations
13	tumors)  Diseases of the urethra, urinary	1. Chloroform	Sprains
	abcess, etc	3. Others	fled)
	1. Others	169 Suicide by drowning	0. Criminal abortion
13	4 Diseases of the prostate (except tumors)	0. Rivers, etc	1. Explosions
13		170 Suicide by firearms	3. Other medicaments (intec-
13	6 Cysts and other benign tumors of	171 Suicide by cutting or piercing instruments	tion)
13	the ovary	172 Suicide by jumping from high	203 Violent deaths of which the cause
13	8 Benign tumors of the uterus	places	is unknown
13 14		174 Other suicides 175 Poisoning by food	XVIll-Defined Diseases.
14	1 Other diseases of the female genital	0. Mushrooms	204 Sudden death
14	organs	1. Shell fish 2. Pork sausages	204 Sudden death
14	breast (cancer excepted)	3. Others	defined
	VIIIThe Puerperal State.	176 Poisoning by venomous animals	1. No disease; malingering
14	3 Accidents of pregnancy	(gases excepted)	2. Surgical operation
	0. Abortion	0. Ethyl alcohol	TOTAL 17
-	Ti more Beneficial		

### CONTAGIOUS HOSPITAL REPORT FOR DECEMBER, 1922

	Diptheria and Measles	Cerebro-Spinal Meningitis	Chicken Pox -	Septic Sore Throat Diphtheria	Measles	Scarlet Fever	T. B Meningitis	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Whooping	Influenza Pneumonia	Syphillis	Scabies	T'otal
Patients admitted Termination { Recovery Death	. 1	1		. 1 · 19 12 2	1	· 4 2 1		·					·				29 15 5

DERIIIO DI MOLLO			
Total	Males	Females	
Under 1 day	- 3	1	
1-2 days 1	0 «	1	
2-3 days 1	1	0	
3 days-1week 4	2	2	
1-2 weeks ()	: ()	0	
2-3 weeks 1	0	1	
3 wks-1 month 0	. 0	0	
1-2 months 1	()	1	
2-3 months 1	:1	()	
3-6 months 8	. 4	1.4	ļ
6-9 months10	3	7	
9-12 months	. 7	2	
1 year19	11	8	
2 years	3	2 .	
3 years4	2	2	
4 years	1	2	
5-9 years	. 1	1	
10-14 years	()	()	
15-19 years	2	1	
20-24 years	0	3	
25-29 years	4	3	
30-34 years	1	1	
35-39 years 4	.3	1	
40-44 years 7	. 6	1	
45-49 years11	6	· 5 :	
50-54 years	, 3	. 3	11 00
55-59 years12	6	6	
60-64 years	8.	7	
65 69 years 7	5	2	2
70-74 years	4	8	
75-79 years 8	4	4.	
80-84 years 4	1.	3	
85-89 years	0	2	
90-94 years 0	0.	0.	
95-99 years 0	0	0 -,	
100 +	0	0	

DEATHS BY AGES

DEATHS BY WARDS	
1	27
2	18
3	20
4	10
5	12
6	29
7	4
8	43
9	14

Unknown .....

VIOCDIMAL S
HOSPITALS 98
Oity Hospital
Union Hospital 8 St. Anne's Hospital 5
Bay View Hospital 1
Truesdale Hospital 2
Contagious Hospital
City Home
STILL BIRTHS Males 18
Males 18
Females 4
Unknown
Total
NATIVITY
Fall River 91
Massachusetts10
Other States11
Ireland13
Canada
England 14
Scotland
Germany
Azores 8
Austria
France.
Belgium
Russia 2 Portugal 2
Italy
Poland
Madeira 2
Australia
Sweden
Spain
Greece
Brazil
Syria 1
Western Islands
Wales
Unknown1

CEMETERIES
Oak Grove       21         North Burial Ground       18         St. John's       4         St. Mary's       1         St. Patrick's       50         Notre Dame       68
Nwoo Hill
Brought here for interment 25
SEX
COLOR White 176 Colored 1
CONDITION           Married         45           Single         102           Widowed         28           Divorced         1           Unknown         1
There were 618 cases of contagious diseases reported for Dec., viz:  Diphtheria
Scarlet Fever         14           Typhoid Fever         2           Tuberculosis of Lungs         21           Tuberculosis, other forms         3           Whooping Cough         12           Measles         448
Ophthalmia Neonatorum 8 Suppurative Conjunctivitis 3 Chicken Pox 2 Anterior Poliomyelitis 1
Cerebro-Spinal Meningitis 1 Pneumonia, Lobar 17 Influenza 3 Septic Sore Throat 2 Mumps i German Measles Lethargica Encephalitis
Pellagra

The following is the number of contagious diseases reported in each ward:

1-108 2--75 3--81 4--54 5--62 6--59 7--32 8--84 9--63

Estimating the population at 128,487, 177 deaths would give an annual death rate of 16.53 in 1,000.

This is 4 less than last month and 55 more than the same month in 1921.

FRANK L. LARKIN, Secretary.



# BOARD

CITY OF FALL RIVER SU PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FAIL

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VOLUME IX

FEBRUARY, 1923

SAMUEL B. MORRISS, AGENT.

NUMBER 2

## Malnutrition a Serious Problem.

At least 20 and according to some estimates possibly 33 per cent of the school children of the United States are suffering from malnutrition, as general physical underdevelopment is commonly designated, says the advisory committee on foods and nutrition of the National Child Health Council in a report that will soon be published by the U.S. Public Health Service, which cooperated in its preparation.

Malnutrition, continues the report, is not confined to any one class or race; in some cities it is apparently as prevalent in the homes of the well to do as in those of persons of more limited means. The condition is evidenced, not only by weight and growth records but also by listlessness, lack of color, dullness, and sometimes by restlessness and irritability.

It is due chiefly to physical defects, faulty habits, or environment, Of physical defects the most common are obstructions (adenoids for instance) in the nose or throat, which interfere with breathing; and decayed teeth, which breed germs and interfere with chewing. When such defects are remedied many children will develop normally.

Faulty food and health habits are also important causes of malnutrition. They include too little food, the wrong kind of food, and bad food habits, whether due to ignorance, poverty, or lack of home discipline; and also faulty posture in standing, sitting, or walking, all of which interfere with the normal functioning of important organs of the body. Such habits can be corrected by proper exercises, which, however, should be carefully controlled as otherwise they may prove harmful.

Environmental conditions, which interfere with sufficient sleep, lack of fresh air, and even constant nagging may cause underdevelopment and their correction may result in remarkable gains.

Cases of malnutrition that do not yield to simple corrective measures may require prolonged medical supervision; and, in any event, preventive measures are much better than curative ones. Health education in the schools will go a long way toward preventing malnutrition, not only in the pupils themselves but will also, if the results are brought energetically to the attention of the parents, usually react to the benefit of younger children of pre-school age. And the younger the child the more easily are proper health habits learned and the more valuable they are.

From February 8th to the 21st, Dr. William R. P. Emerson of Boston, conducted a Nutrition Institute in this city under the auspices of the Fall River Rotary Club. The main purpose of the institute being to bring malnourished, underweight children up to normal standards in their own homes. To do this, however, it was first necessary to show the seriousness of the problem and to secure the co-operation of various municipal and civic organizations, teachers, pupils, parents, etc. Naturally in a matter of this kind, the Board of Health was consulted and gave its hearty approval.

The course was open to nurses, social workers, and mothers of children, the Rotary Club giving a scholarship amounting to fifteen dollars to everyone taking the course, and as a result the ordinary cost of the course to the individual was ten dollars, instead of twenty-five dollars. The Board of Health believing that the nurses of the department would be benefited by the course directed that they attend the course and that the tuition fee be paid from the funds of the department. The information secured by attendance at the Institute will be passed on by the nurses to the families under their supervision, and we are sure that in this way, at least, the benefit of the course will be widespread.

# MORTALITY FOR THE MONTH OF JANUARY, 1923

	II.—Gen
I.—Endemic or Infectious Diseases.	
1 Typhoid fever (abdominal typhoid	43 Cance
and para-typhold)  0. Typhold fever 1 1. Paratyphold fevers	0.
2 Typhus fever (exanthematous)	2. 3.
	4.
eri)  4 Melito—coccosis (Malta fever)  5 Malarial fever or cachexia  0. Malarial fever  1. Malarial cachexia	44 Cance
0. Malarial fever	0.
6 Smalldox	2.
9 Scorlet fever	45 Cance
10 Dinhtheria	of t
Complications:	0.
0. Pneumonia 2 1. Bronchitis 2	1.
2. Heart diseases	2.
3. Nephritis	8.
6. Puerperal	46 Cancer
40 37111 4	0.
13 Mumps 14 Asiatic cholera	1.
15 Choiera nostras (choleriform en- teritis)	2.
16 Dysentery	47 Cancer
1. Bacillary	48 Cancer
12 Minary rever 13 Mumps 14 Asiatic cholera 15 Choiera nostres (choleriform enteritis) 16 Dysentery 0 Amebic 1 Bacillary 2 Unspecified or due to other causes	of the
0. Bubonic	of o
1. Pneumonio	i.
3. Unspecified	2.
18 Yellow fever	3.
20 Leprosy	4. 5.
22 Acute poliomyelitis	6.
24 Epidemic cerebro-spinal meningitis 25 Other epidemic diseases	8.
0 Varicella	50 Benigr
2. Septic Sore Throat	turn
26 Purulent or septicemic infection 27 Glanders and farcy	the 0.
29 Rables	1.
30 Tetanus	2.
32 Tuberculosis of the respiratory system 10	4. 5.
Tuberculosis of the meninges or of the central nervous system  Tuberculosis of the intestines or peritoneum	51 Acute 52 Chroni
34 Tuberculosis of the intestines or peritoneum	0. 1.
35 Tuberculosis of the vertebral column 36 Tuberculosis of the joints	53 Scurvy 54 Pellagi
37 Tuberculosis of other organs and	55 Beri-b
0. Tuberculosis of the skin or	57 Diabet
subcutaneous cellular tissue  1. Tuberculosis of the bones	0.
(except vertebral column).  2. Tuberculosis of the lym-	59 Diseas
phatic system (except the mesenteric and retroper-	60 Diseas
itoneal glands)	1.
4 Tuberculogis of other organs	61 Diseas
38 Disseminated tuberculosis	63 Addiso
38 Disseminated tuberculosis  O. Acute (including miliary tuberculosis of the lungs, ex-	64 Disease
chronic or pulmonary) 1	0.
1. Chronic	66 Alcoho
of any organ, tissue or structure	67 Chroni
of any organ, tissue or structure of the body) 0. Primary	0. 1.
2. Tertiary	68 Chronic
8. Hereditary	69 Other 0.
40 Soft chancre (used for morbidity	1. 2.
statistics only) 41 Gonococcal infection except that of	3.
the eye or adnexa	4. 5.

	,	_
	I.—General Diseases Not Included Above.	1
43	Cancer or other malignant tumors of the buccal cavity	
	of the buccal cavity	
	1. Cancer of the tongue	
	2. Cancer of the mouth	
	3. Cancer of the jaw	
44	Cancer or other malignant tumors	
	of the stomach and liver	
	1. Cancer of the esophagus	
	2. Cancer of the stomach	3
	3. Cancer of the liver and gall bladder	1
45	Cancer or other malignant tumors	1
	of the peritoneum, intestines and	
	0. Cancer of the mesentery and	
	peritoneum	
	peritoneum 1. Cancer of the intestines (except rectum)	0
	2. Cancer of the rectum and	2
	Annus	
10	3. Others	
40	Cancer or other malignant tumors of the female genital organs	
	0. Cancer of the ovary and	
	fallopian tubes	2
	2. Cancer of the vagina and	č.
	vulva	
47	3. Others	
-71	Cancer or other malignant tumors of the breast	2
48	of the breast	
49	Of the skin	
70	of other or unspecified organs	
	0. Cancer of the larynx	
	nleura	
	2. Cancer of the pancreas	
	Cancer of other manignant tumors of the skin  Cancer or other malignant tumors of other or unspecified organs  0. Cancer of the larynx  1. Cancer of the lung and pleura  2. Cancer of the pancreas  3. Cancer of the kidneys and suprarenals	
	4. Cancer of the prostate	
	5. Cancer of the bladder	1
	6. Cancer of the brain	
	s. Cancer of the kinneys and suprarenals	
	8. Cancer of the testes	
50	9. Others	
50	Benign tumors and tumors not returned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138).  0. Tumor of the brain.  1. Tumor of thorax  2. Tumor of abdomen.  3. Tumor of bladder.  4. Tumor of prostate.  5. Tumor of other location  Acute febrile articular rheumatism Chronic rheumatism or gout  0. Chronic rheumatism.	
	nign or non-specified tumors of	
	0. Tumor of the brain	
	1. Tumor of thorax	
	2. Tumor of abdomen	
	4. Tumor of prostate	
	5. Tumor of other location	
51 52	Acute febrile articular rheumatism	
U£	0. Chronic rheumatism 1. Chronic gout	2
	1. Chronic gout	_
53 54	Scurvy Pellagra	
55	Beri-beri	
56	Rickets	1
<b>57</b> 58	Anemia, Chlorosis	8
		2
59	O. Pernicious anemia Other anemias and chlorosis Diseases of the nituitory gland  Other anemias and chlorosis	
60	Diseases of the pituitary gland Diseases of the thyroid gland	
	o. Exophinalmic golfre	
	1. Other diseases of the thyroid gland Diseases of the parathyroid gland. Diseases of the thymus. Addison's disease (disease of the adrenals)	
61	Diseases of the parathyroid gland	
62	Diseases of the thymus	
<b>6</b> 3	adrenals)	1
64	adrenals) Diseases of the spleen Leukemia and Hodgkin's disease	1
65	Leukemia and Hodgkin's disease	
	0. Leukemia 1. Hodgkin's disease	
66	Alcoholism (acilie or chronic)	
67	Chronic poisoning by mineral sub- stances	
	0. Chronic lead notsoning	
	1. Others	
68	1. Others Chronic poisoning by organic substances	
69	Other general diseases	
	0. ACIGOSIS	
	Z. Autointoxications	
	3. Hemophilia	
	4. Purpura hemorrhagica 5. Others	

13,	JC10BER, 1320.
Ш	Diseases of the Nervous System and Organs of Special Sense.
70	Encephalitis
71	0. Simple
72	al meningitis
	dorsalis) 1
73	Other diseases of the spinal cord
	ne's disease)
	1. Paralysis agitans (Parkin- son's disease)
	2. Acute ascending spinal par-
	alysis (Landry's disease)  3. Myelitis
74	4. Others Cerebral hemorrhage, apoplexy
14	v. Coronai nemorriage 9
	1. Cerebral thrombosis and em-
75	bolism
	0. Hemiplegia
76	
77 78	Epilepsy
79	Convulsions (non - puerperal) (5
80	Other forms of mental altenation. Epilepsy Convulsions (non - puerperal) (5 years and over) Infantile convulsions (under five years of age).
81	years of age)
0.	0. Chorea
	2. Neuritis
82	Hysteria and neuralgia     Neuritis     Softening of the brain     Other diseases of the nervous sys-
83	Other diseases of the nervous sys-
84	Diseases of the organs of vision and
	adnexa except gonococcal infec- tion, No. 42
	tion, No. 42  0. Diseases of the eye (except tumor)  1. Follicular conjunctivitis
	1. Follicular conjunctivitis
	2. Trachoma
85	Diseases of the organs of hearing and the mastoid process  0. Diseases of the ear  1. Diseases of the mastoid process
	and the mastoid process
	1. Diseases of the mastoid
***	process
IV	—Diseases of the Circulatory System Pericarditis
87	Acute endocarditis and myocarditis
	0. Acute endocarditis 2 1. Acute myocarditis 1
88	Angina pectoris
89	Angina pectoris
	1. Chronic myocarditis 6
	2. Other chronic diseases of the heart 10
90	Aneurism Atheroma and other diseaser of the
	arteries
92	Embaliam and thrombodia (amount
93	cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system.
94	Diseases of the lymphatic system
95	(lymphangitis, etc.)
20	cause; other diseases of the cir-
V_	
96	Diseases of the Respiratory System. Diseases of the nasal fossae and
	0. Diseases of the pasal forms
	1. Others
97	1. Others
98	Didicincis
	0. Acute 2 1. Chronic
	2. Not otherwise defined under
	5 years of age
99	Broncho pneumonia (including can-
• •	illary bronchitis)
	0. Broncho pneumonia
100	Broncho pneumonia (including capillary bronchitis)  0. Broncho pneumonia 13  1. Capillary bronchitis  Pneumonia 0. Lobar 8
	at a tot other waso spectified
101	Pleurisy
	0. Pleurisy

				1	
100 0	marklen on novembrometous hom-		2. Other accidents of preg-	1	2. Carbolic acid
	rrhage of the lung 1		nancy		3. Cocaine
103 Gai	ngrene of the lung	144	Puerperal hemorrhage		4. Lysol
104 Asi	iima 4	145	Other accidents of childbirth  0. Cesarian section		6. Wood alcohol
105 Em	physema of the lung her diseases of the respiratory		1. Other surgical operations		7. Others
	ystem (tuberculosis excepted)		and instrumental delivery	470	8. Not specified or unknown
	0. Chronic interstitial pneumo-	110	2. Others	178	Accidental burns and scalds (con
	nia (including occupational		Puerperal septicemia		flagration excepted)
	diseases of the lung)  1. Diseases of the mediasti-		embolism or sudden puerperal		0. Stoves
	num		death		1. Lamps 2. Steam
	2. Others	148	Puerperal albuminuria or convul- sions		3. Hot fluids 2
VI Di	seases of the Digestive System.	149	Childbirth (without other explana-		4. Matches
			tion)		5. Bonfires
107 1018	seases of the mouth and adnexa.  0. Diseases of the teeth and	150	Puerperal diseases of the breast		6. Others
	gums	IX	-Diseases of the Skin or Cellular	180	Accidental mechanical suffocation
	1. Other diseases of the buccal		P\$10		0. Foreign body in larynx
108 Dis	cavity and adnexa		Tissue.		1. Overlying
	includes adenoids)	151	Gangrene	181	Accidental absorption of irrespir-
	0. Streptoccic sore throat	152	Phlegmon, acute abscess		able or poisonous gas
	1. Ludwig's angina	1542	Tinea and alopecia (morbidity		1. Chloroform or ether
	3. Adenoids		only)		2. Coal gas
D.	4. Others	154b	Pruritis (morbidity only)		3. Ammonia fumes
	seases of the esophagus	155	Other diseases of the skin and its adnexa		4. Sewer gas
	num				6. Unknown
	0. Ulcer of the stomach 1	X	Diseases of the Bones and Organs	182	Accidental drowning
444 ()+1	1. Ulcer of the duodenum her diseases of the stomach (can-		of Locomotion.		0. Rivers, ponds, etc
	er excepted			183	1. Others Accidental injury by firearms
	0. Indigestion	156	Diseases of the bones (tubercu-		(wounds of war excepted)
	1. Gastritis	157	losis excepted)	184	Accidental injury by cutting or
	2. Stricture or stenosis of py- lorus		losis and rheumatism excepted)	185	Accidental injury by falls
	3. Others	158	Other diseases of the bones or or-	100	0. Down shafts, hatchways
	arrhea and enteritis (under 2		gans of locomotion		holds of vessels
113 Dia	rears of age)		XI.—Malformations.		1. Down stairs
113 1218	over) 1	159	Congenital malformations (still-		3. From fire-escapes
114 An	kylostomiasis	100	births excepted)		4. From scaffolds
	seases due to other intestinal		0. Hydrocephalus		5. From windows
	0. Cestodes (hydatids of the		1. Malformations of the heart 2 2. Others		1. On streets, sidewalks, etc
	liver excepted)				9. Other falls
	1. Trematodes		XII.—Diseases of Early Infancy.	186	Accidental traumatism in mines and
	kylostoma)	160	Congenital debility, icterus and		quarries
	3 Coccidia		sclerema		1. In quarries
	4. Other parasites		0. Marasmus 1 1. Inanition 2	187	Accidental traumatism by machines
116 Au	opendicitis and typhlitis 3		2. Icterus 1		1. Deaths by machinery
117 He	ernia, intestinal obstruction		3. Sclerema	188	Accidental traumatism by other
	U. Hernia	181	Premature birth, or consequence of		crushing (vehicles, railways.
118 Ot	1. Intenstinal obstruction 2 her diseases of the intestines	. 101	labor		landslides, etc.)
110 00	0. Diseases of the anus and		0. Premature birth 3		etc
	stercoral fistulae	100	1. Injury at birth 2		1. Run over by automobiles I
	1. Other diseases of the intes-	102	Other diseases peculiar to early infancy		2. Run over by other vehicles 3. Run over by electric surface
119 Ac	cute yellow atrophy of the liver		0. Asphyxia neonatorum		cars
	ydatid tumor of the liver		1. Atelectasis		4. Run over by steam railroad
121 Ci	rrhosis of the liver		3. Umbilical hemorrhage		5. Run over by elevated rail-
	1. Not returned as alcoholic 1		4. Others 1		road cars
122 Bi	her diseases of the liver	163	Lack of care		6. Run over by subway ears
123 Ot 124 Di	seases of the pancreas except		XIII.—Old Age.		7. Crushed by falling bodies 8. Crushed by derricks, stones.
	cancer	164	Old age (senility) 2		etc
125 Pe	eritonitis of unstated cause ther diseases of the digestive			190	9. Other causes
120	system (cancer and tuberculosis		XIV.—External Causes.		Wounds received in war
	excepted)	165	Suicide by solid or liquid poisons	191	Executions of civilians by bellig-
VII	Non-Venereal Diseases of the		(corrosive substances excepted)  0. Opium, morphine	192	erent armiesa Excessive labor
	Genito-Urinary System and		1. Strychnine	1921	b Starvation (deprivation of food or
			2. Chloroform (ether)		water)
	its Adnexa.	166	3. Others	193 194	Excessive heat
127 A	cute nephritis (including unspeci-		0. Arsenic (paris green)	195	Lightning
128 Cl	fied under 10 years of age) 4 aronic nephritis (including un-		1. Bichloride of mercury 2. Carbolic acid	196	Utner accidental electric shocks
	specified over 10 years of age 14		3. Cyanides (prussic acid)	197 198	
129 Cl	hor diseases of the kidneys and		4. Oxalie acid		struments
130 01	ther diseases of the kidneys and their adnexa (diseases of the		5. Muriatic acid (hydrochloric acid)	199	Homicide by other means
	kidney in pregnancy excluded)		6. Other corrosive poisons	200	than I year of age)
131 Ca	alculi of the urinary passages iseases of the bladder (except	167	Suicide by poisonous gas	201	Fracture (cause not specified)
132 101	tumors)		0. Illuminating gas		Dislocations
133 Di	iseases of the urethra, urinary		2. Coal gas		2. Fractures (cause unspeci-
	abcess, etc	400	3. Others		fled)
	1. Others	168	Suicide by hanging or strangulation pulseide by drowning	202	Other external violence  0. Criminal abortion
134 D	iseases of the prostate (except		0. Rivers, etc		1. Explosions
135 N	tumors )on-venereal diseases of the male	170	1. Others		2. Salvarsan injection
100 11	genital organsysts and other benign tumors of	171	Suicide by cutting or piercing in-		3. Other medicaments (injection)
136 C:	ysts and other benign tumors of		struments		4. Other external violence
137 Sa	the ovary	172	Suicide by jumping from high places	203	Violent deaths of which the cause is unknown
138 B	enign tumors of the uterus	173	Suicide by crushing		
139 N	on-puerperal uterine hemorrhage.	174	Other suicides		XV Ill-Defined Diseases.
140 M	ther diseases of the female genital	1/6	Poisoning by food		
	organs		1. Shell fish	204	Sudden death
142 N	on-puerperal diseases of the breast (cancer excepted)		2. Pork sausages	200	defined
		176	Poisoning by venomous animals		0. Ill-defined or not specified
	VIII.—The Puerperal State.	177	Other acute accidental poisonings		1. No disease; malingering 2. Surgical operation
143 A	ceidents of pregnancy		(gases excepted)		
	0. Abortion		1. Bichloride of mercury		TOTAL 187

### CONTAGIOUS HOSPITAL REPORT FOR JANUARY, 1923

	Diptheria and Measles	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat	Diphtheria	Measles	Scarlet Fever	Tonsilitis	Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	German Measles	Typhoid Fever	Whooping Cough Influenza	Pneumonia Syphillis		Z Z	Total
Patients admitted			1		13	ő	8	1	1					1	***	**		30
Termination Recovery Death		••••		1	12 1	2	6 1	1						1	****	***		24

### DEATHS BY AGES

DEATHS BI AGES		
Total	Males	Females
Under 1 day 4	0	4
1-2 days 0	0	0
2-3 days 1	U	1
3 days-Tweek 3	2	147
1-2 weeks 2	0	2
2-3 weeks 0	0	0
3 wks-1 month 0	0	0
1-2 months	2	1
2-3 months 2	2	0
3-6 months 7	4	3
6-9 months 5	2	3
9-12 months 8	5	3
1 year14	9	5
2 years 2	1	1
3 years 3	2	1
4 years 5	()	5
5-9 years 4	2	2
10-14 years 1	1	0
15-19 years 1	0	1
20-24 years 1	0	1
25-29 years 2	1	1
30-34 years 3	1	2
35-39 years 5	2	3
40-44 years 6	3	3
45-49 years	8	1
50-54 years	9	в
55-59 years10	6	4
60-64 years 20	7	13
65 69 years	7	10
70-74 years	10	G
75-79 years 9	3	6
80-84 years 4	1	3
85-89 years	2	3
90-94 years 0	0	0
95-99 years 0	0	Ü
100 + 0	0	0
Unknown 0	0	()
Total 187	92	95
10(41	82	90

### DEATHS BY WARDS

40	
2	
3	
4	
5	
6	
76	
8	
9	

#### HOSPITALS

City Hospital	15
Union Hospital	в
St. Anne's Hospital	
Bay View Hospital	3
Truesdale Hospital	2
Contagious Hospital	3
City Home	2

#### STILL BIRTHS

Males	13
Females	7
Unknown	
Total	20

NATIVITY		
Fall River	78	
Massachusetts	5	
Other States	14	
Ireland	17	
Canada	29	
England	22	
Scotland	1	
Germany		
Azores	14	
Austria	1	
France		
Belgium		
Russia		
Portugal		
Italy		
Poland		
Bermuda	1	
Australia		
Sweden		
Spain		
Greece		
Brazil		
Syria		
Western Islands		

### CEMETERIES

Oak Grove	36
North Burial Ground	4
St. John's	
St. Mary's	2
St. Mary's St. Patrick's	47
	88
	3
Agedas Aham	
Our Lady of Light	3
Bennett	U
Sent away for interment	Q
Brought here for interment	3 8
brought here for interment	90
SEX	
Male	92
70 5	O. Br

COLOR	
CONDITION	

Married	67
Single	
Widowed	45
Divorced	
Unknown	_
O II KII O WII	_

There were 427 cases of contagious diseases reported for Jan., viz: Diphtheria .....

Scarlet Fever	.2'
Typhoid Fever	. 6
Tuberculosis, other forms	. 1
Mumms	
	Scarlet Fever

German Measles...

Syphilis .....

Lethargica Encephalitis ..... Gonorrhoea .....

The following is the number of contagious diseases reported in each ward:

1-69 2--48 3-67 4-48 6-40 7-18 8-45 9-56 5-37

Estimating the population at 128,487, 187 deaths would give an annual death rate of 17.46 in 1,000 This is 10 more than last month and 33 more than the same month in 1922.

FRANK L. LARKIN, Secretary.



- OF THE-

# BOARD OF HEALTH

CITY OF FALL RIVER

STATE OF HERMAN PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS. SAMUEL B. MORRISS, AGENT,

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MARCH, 1923

NUMBER 3

### INFANT WELFARE WORK.

The interest that His Honor, Mayor Edmond P. Talbot, has in one of the most important probems of the Health Department is shown by the following extract from his inaugural address:

"The consequences of the vital question of infant mortality must be instilled into the minds, ves. even into the hearts of all. The Board of Health is very capable of coping with this serious menace.

A Welfare Committee will be created to work in conjunction with the Board of Health and funds sufficient for this need appropriated so that we may alleviate as nearly as possible this alarming situation and I know that in so doing, we shall be rendering a great assistance to our people for better health, better living conditions, better surroundings: improvements which mean to Fall River what everyone desires.—better citizens.

A determined, sustained plan for the reduction of our infant mortality means an increased population upon which the future of our city depends."

The Commission, as appointed by Mayor Talbot. consists of Drs. Thomas F. Burns, Thomas Almy, George C. King, Joseph D. Milot and Jean N. Normand. All of whom, because of their education, training and experience and their interest in matters affecting the welfare of the city are especially qualified for their duties as members of the Commission. The Commission organized by electing Dr. Thomas F. Burns, Chairman, and selecting the Secretary of the Board of Health, Frank L. Larkin, as Secretary of the Infant Welfare Commission. Meetings of the Commission were held and various plans were studied and discussed. Figures showing the number of deaths of children of less than 5 years, by ages, causes of death, location and nativity of parents for the years 1921 and 1922 were carefully considered in connection therewith and it was the opinion of the Commission that the best results would be attained by first taking up prenatal work, in a district where the number and causes of

deaths indicated that such work was necessary. The plan adopted is to locate a prenatal clinic in the eastern section of the city, as an experiment, and as results are attained, to extend this service to the other sections of the city. The Commission is of the belief that the problem of lowering the High Infant Mortality rate is one of education and that the earlier the education begins the more affective it will be a Switchle guarantee to be used the effective it will be. Suitable quarters to house this clinic are under consideration and will be properly furnished and equipped.

In order to secure the services of a qualified supervisor, recommendations were sought from various sources such as the National Organization of Public Health Nurses, The School of Public Health Nursing of Simmons College, etc. Several recommendations were received, but the one apparently best qualified was Miss Nora McQuade of Orange, Mass., who was later interviewed by the Commission and selected as Supervisor of Nurses. She will report for duty May 1st. Miss McQuade is a graduate of St. Luke's Hospital Training School for Nurses, New Bedford, Mass., and also completed a one-year post graduate course in Public Health Nursing in the School of Public Health Nursing, Simmons College, Boston. She instituted Infant Welfare Work for the Board of Health of Manchester, N. H., and had charge of this work for a period of four years. She organized Public Health Nursing in Eastern Franklin County, Mass., for the Franklin County Chapter, American Red Cross and has spent more than a year directing this work. She is a veteran of the World War, having served as a Nurse in the United States Navy during the recent conflict.

At the request of His Honor, Mayor Talbot, the Board of Health and the Infant Welfare Commission, a study course in Maternal and Infant Hygiene for Nurses, conducted by the Mass. Department of Public Health, will be held in Fall River, May 2, 9, and 16, 1923, as a formal beginning of the Infant Welfare Work. The Board of Health and the Infant Welfare Commission also will cooperate with the Massachusetts Department of Public Health in its "Babies Rights Week" which will be conducted throughout the State during the week of May 7th.

# MORTALITY FOR THE MONTH OF FEBRUARY, 1923

I.—Endemic or Infectious Diseases.				
п	Typhoid fever (abdominal typhoid and para-typhoid)			
	and para-typhoid)	į		
3	Typhus fever (exanthematous)			
4 5	Melito—coccosis (Malta fever) Melito—coccosis (Malta fever) Malarial fever or cachexia.  0. Malarial fever 1. Malarial cachexia Smallpox Measles Scerlet fever			
·	0. Malarial fever			
6	Smallpox 6			
9	Whooping cough			
11	COMBUNEAUOUS:			
	0. Pheumoma			
	1. Bronchitis 2. Heart diseases 3. Nephritis 4. Meningitis 5. Gastro intestinal 6. Puerperal 7. Others 2	i		
	5. Gastro intestinal 6. Puerperal			
12	7. Others 2 Millary fever			
13 14	Mumps Asiatic cholera Cholera nostras (choleriform en-			
15	teritis)			
16	Dysentery 0. Amebic 1. Bacillary			
	2. Unspecified or due to other rauses			
17	Plague			
	1. Pneumonic			
18	Yellow fever			
19 20	leterohemorrhagica spirochetosis Leprosy	1		
21 22 23	Leprosy Erysipelas Acute poliomyelitis Encephalitis lethargica 1 Epidemic cerebro-spinal meningitis. Other epidemic diseases			
24 25	Epidemic cerebro-spinal meningitis Other epidemic diseases	1		
	Other epidemic diseases  0 Varicella  1. Rubella  2. Septic Sore Throat			
26 27	Purulent or septicemic infection Glanders and farcy. Malignant pustule (anthrax) Rables	1		
28 29	Malignant pustule (anthrax) Rabies			
30 31 32	Tetanus  Mycoses Tuberculosis of the respiratory system  Tuberculosis of the meninges or of the central nervous system.			
33	tem			
34				
35	peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints			
36 37	Tuberculosis of other organs and			
	0. Tuberculosis of the skin or subcutaneous cellular tissue			
	Tuberculosis of the bones     (except vertebral column).     Tuberculosis of the lym-			
	phatic system (except the mesenteric and retroper-			
	itoneal glands)			
00	4. Tuberculosis of other organs			
38	0. Acute (including miliary tu-			
	berculosis of the lungs, ex- cept that specified as chronic or pulmonary)			
39	1. Chronic			
	of any organ, tissue or structure of the body)			
	1. Secondary			
	2. Tertiary			
40	Soft changes (used for morbidity			
41	statistics only) Gonococcal infection except that of the eye or adnexa Gonococcal ophthalmia			
42	Gonococcal ophthalmia	1		

1	IGeneral Diseases Not Included	
	Above.	
43	Cancer or other malignant tumors	
	Cancer or other malignant tumors of the buccal cavity	
	1. Cancer of the tongue	
	2. Cancer of the mouth	
	4. Others	
44	Cancer or other malignant tumors	
	0 Cancer of the pharynx	1
	1. Cancer of the esophagus	1
	2. Cancer of the stomach	
	bladder	1
45	Cancer or other malignant tumors	•
	of the peritoneum, intestines and	
	0. Cancer of the mesentery and peritoneum 1. Cancer of the intestines (except rectum) 2. Cancer of the rectum and annus 3. Others	
	peritoneum	
	1. Cancer of the intestines (ex-	1
	2. Cancer of the rectum and	1
	annus	2
46	3. Others	
40	of the female cenital organs	
	0. Cancer of the ovary and	
	fallopian tubes	4
	2. Cancer of the vagina and	7
	vulva	
47	3. Others	
*9 /	of the breast	1
48	Cancer or other malignant tumors	
49	Of the skin	
48	of other or unspecified organs	
	0. Cancer of the larynx	
	1. Cancer of the lung and	
	2. Cancer of the pancreas	
	3. Cancer of the kidneys and	
	4 Cancer of the prostate	
	5. Cancer of the bladder	
	6. Cancer of the brain	
	cept rectum)  2. Cancer of the rectum and annus  3. Others  Cancer or other malignant tumors of the female genital organs.  0. Cancer of the ovary and fallopian tubes  1. Cancer of the uterus.  2. Cancer of the vagina and vulva  3. Others  Cancer or other malignant tumors of the breast  Cancer or other malignant tumors of the skin  Cancer or other malignant tumors of the skin  Cancer of the larynx.  1. Cancer of the larynx.  2. Cancer of the larynx.  2. Cancer of the pancreas.  3. Cancer of the pancreas.  4. Cancer of the prostate.  5. Cancer of the bladder.  6. Cancer of the bladder.  6. Cancer of the bones (except jaw)  8. Cancer of the brain.  7. Cancer of the brain.  1. Tumor of the ovary and uterus—136, 138).  0. Tumor of the brain.  1. Tumor of the brain.  2. Tumor of bladder.  4. Tumor of prostate.  5. Tumor of bloomen.  8. Tumor of blodder.  4. Tumor of prostate.  5. Tumor of the rection.  Acute febrile articular rheumatism Chronic rheumatism or gout.  0. Chronic gout  Scurvy  Pellagra  Beri-beri  Rickets	I
	8. Cancer of the testes	
50	9. Others	1
50	turned as malignant (except be-	
	nigh or non-specified tumors of	
	the ovary and uterus—136, 138)	
	1. Tumor of thorax	
	2. Tumor of abdomen	
	3. Tumor of bladder	
	5. Tumor of other location	
51	Acute febrile articular rheumatism	1
52	Chronic rheumatism or gout	ľ
	1. Chronic gout	4
53	Seurvy	
54 55	Scurvy Pellagra Beri-beri	
56	Rickets	
<b>57</b>	Diabetes	3
28	0. Pernicious anemia	1
	Anemia, Chlorosis  0. Pernicious anemia 1. Other anemias and chlorosis Diseases of the pituitary gland Diseases of the thyroid gland	ī
59 60	Diseases of the pituitary gland	
60	0. Exophthalmic goitre	
	1. Other diseases of the thy-	
61	Told gland	
62	1. Other diseases of the thyroid gland Diseases of the parathyroid gland. Diseases of the thymus	
63	Addison's disease (disease of the	
64	adrenals) Diseases of the spleen Leukemia and Hodgkin's disease.	
65	Leukemia and Hodgkin's disease	
	0. Leukemia	1
66		
67	Chronic poisoning by mineral sub-	
	stances	
	1. Others	
58	Chronic poisoning by organic sub-	
69	Chronic poisoning by mineral sub- stances 0. Chronic lead poisoning 1. Others Chronic poisoning by organic sub- stances Other general diseases (i. Acidosis	
08	0. Acidosis	
	1. Amyloid degenerations	
	2. Autointoxications 3. Hemophilia	
	A Dunning homowyhogias	

111.	-Diseases of the Nervous Systematical Systems	em
70	and Organs of Special Sense.	
70 71	Encephalitis Meningitis	
	0. Simple	1
	, 1. Non-epidemic cerebro - spin-	
72	0. Simple 1. Non-epidemic cerebro - spin- al meningitis Progressive locomotor ataxia (tabes	
73	dorsalis)	
/3	Other diseases of the spinal cord  0. Bulbar paralysis (Duchen-	
	ne's disease)	
	I. Paralysis agitans (Parkin- son's disease)	
	2. Acute ascending spinal par-	
	Progressive locomotor ataxia (tabes dorsalis) Other diseases of the spinal cord.  0. Bulbar paralysis (Duchenne's disease) 1. Paralysis agitans (Parkinson's disease) 2. Acute ascending spinal paralysis (Landry's disease) 3. Myelitis	
	4. Others Cerebral hemorrhage, apoplexy	
74	Cerebral hemorrhage, apoplexy  0. Cerebral hemorrhage	-
	1 Carebral thrombunia and am	7
78	Paralysis (without specified cause)  0. Hemiplegia  1. Other forms of paralysis General paralysis (of the insane)	2
. •	0. Hemiplegia	
76	1. Other forms of paralysis	
77	Other forms of mental alienation.	
78	Epilepsy	
79	vears and over) (5	
80	Infantile convulsions (under five	
81	Chorea	
01	0. Chorea	
	1. Hysteria and neuralgia	
82	Softening of the brain	
83	General paralysis (of the insane) Other forms of mental alienation Epilepsy Convulsions (non-puerperal) (5 years and over) Infantile convulsions (under five years of age) Chorea  0. Chorea 1. Hysteria and neuralgia 2. Neuritis Softening of the brain Other diseases of the nervous system	
84	Diseases of the organs of vision and	
	adnexa except gonococcal infec- tion, No. 42	
	adnexa except gonococcal infection, No. 42  . Diseases of the eye (except tumor)  1. Follicular conjunctivitis 2. Trachoma 3. Tumors of the eye	
	tumor)	
	1. Follicular conjunctivitis 2. Trachoma	
	3. Tumors of the eye	
	4 6 1	
85	Diseases of the organs of hearing	
	and the mastoid process	
	tis adnexa Diseases of the organs of hearing and the mastoid process  0. Diseases of the ear.  1. Diseases of the mastoid process	1
	process	
IV	-Diseases of the Circulatory Syste	100
86	Pericarditis	
87	Acute endocarditis and myocarditis  0. Acute endocarditis	4
	1 Anuto myogonditio	1
88	Other diseases of the heart	1
	0. Chronic endocarditis	5
	Angina pectoris Other diseases of the heart  O. Chronic endocarditis  Chronic myocarditis  Other chronic diseases of the heart	3
		3
90	Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except	
	arteries	9
92	Embolism and thrombosis (except	
93	Diseases of the veins (varices.	
	embolism and thrombosis (except cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system.	
94	(lymphangitis, etc.)	
95	Hemorrhage without determined	
	cause; other diseases of the cir- culatory system.	
V		m.
96	Diseases of the Respiratory System Diseases of the nasal fossae and	
	their adnexa  0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer	
	1. Others	
97	Diseases of the larynx (except	
80		
	U. Acute	3
	1. Chronic 2. Not otherwise defined under	2
	5 years of age	
	s. Not otherwise defined, 5	1
9.9	Broncho pneumonia (including cap-	*
	5. Not otherwise defined under 5 years of age. 3. Not otherwise defined, 5 years and over  Broncho pneumonia (including cap- illary bronchitis) 0. Broncho pneumonia 1. Capillary bronchitis	165
	1. Capillary bronchitis	16
100	A 7 -1	
	1. Not otherwise specified	4
101	Pleurisy 0. Pleurisy	
	1. Empyema of thoracic cavity	

102 Congestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolic acid
orrhage of the lung	nancy	3. Cocaine
103 Gangrene of the lung	144 Puerperal hemorrhage	4. Lysol
104 Asthma 105 Emphysema of the lung	U. Cesarian section	6. Wood alcohol
106 Other diseases of the respiratory	1. Other surgical operations	7. Others
system (tuberculosis excepted)	and instrumental delivery	8. Not specified or unknown
0. Chronic interstitial pneumo-	2. Others 1	178 Conflagration
nia (including occupational diseases of the lung)	147 Phlegmasia alba dolens, puerperal	flagration excepted)
1. Diseases of the mediasti-	embolism or sudden puerperal	0. Stoves
num	death 2	1. Lamps
2. Others	148 Puerperal albuminuria or convul-	2. Steam
VI Diseases of the Digestive System.	149 Childbirth (without other explana-	4. Matches
107 Diseases of the mouth and adnexa.	(in tion)	5. Bonfires
0. Diseases of the teeth and	150 Puerperal diseases of the breast	6. Others
gums	IXDiseases of the Skin or Cellular	180 Accidental mechanical suffocation
1. Other diseases of the buccal cavity and adnexa		0. Foreign body in larynx
108 Diseases of the pharynx and tonsils	Tissue.	1. Overlying
(includes adenoids)	151 Gangrene	2. Others
0. Streptoccic sore throat	152 Boll, carbuncle, furuncle	able or poisonous gas
1. Ludwig's angina	153 Phlegmon, acute abscess	0. Illuminating gas
3. Adenoids	only)	1. Chloroform or ether
4. Others	154b Pruritis (morbidity only)	3. Ammonia fumes
109 Diseases of the esophagus	155 Other diseases of the skin and its adnexa	4. Sewer gas
num	aunexa	5. Other gases
0. Ulcer of the stomach	XDiseases of the Bones and Organs	182 Accidental drowning
1. Ulcer of the duodenum  111 Other diseases of the stomach (can-	of Locomotion.	0. Rivers, ponds, etc
cer excepted		1. Others
0. Indigestion	156 Diseases of the bones (tubercu-	183 Accidental injury by firearms (wounds of war excepted)
1. Gastritis	losis excepted)	184 Accidental injury by cutting of
2. Stricture or stenosis of py- lorus	losis and rheumatism excepted)	piercing instruments
3 Others	158 Other diseases of the bones or or-	185 Accidental injury by fails  0. Down shafts, hatchways
112 Diarrhea and enteritis (under 2	gans of locomotion	holds of vessels
years of age)	XIMalformations.	1. Down stairs
over)	159 Congenital malformations (still-	2. From buildings
114 Ankylostomiasis	births excepted)	4. From scaffolds
parasites	0. Hydrocephalus	5. From windows
0. Cestodes (hydatids of the	1. Malformations of the heart 2 2. Others 8	6. From vehicles
liver excepted)		9. Other falls
1. Trematodes	XII.—Diseases of Early Infancy.	186 Accidental traumatism in mines and
kylostoma)	160 Congenital debility, icterus and	quarries
8 Coccidia	sclerema	1. In quarries
4. Other parasites	0. Marasmus	187 Accidental traumatism by machines
116 Appendicitis and typhlitis	2. leterus	0. Deaths by machinery 1. Deaths by elevators
117 Hernia, intestinal obstruction	3. Sclerema	188 Accidental traumatism by other
0. Hernia	4. Others	crushing (vehicles, railways.
118 Other diseases of the intestines	labor	landslides, etc.)
0. Diseases of the anus and stercoral fistulae	0. Premature birth	etc
1. Other diseases of the intes-	1. Injury at birth	<ol> <li>Run over by automobiles</li> <li>Run over by other vehicles</li> </ol>
tines	fancy	3. Run over by electric surface
119 Acute yellow atrophy of the liver	0. Asphyxia neonatorum 1. Atelectasis	cars
121 Cirrhosis of the liver	2. Umbilical infection	4. Run over by steam railroad cars
0. Returned as alcoholic	3. Umbilical hemorrhage	5. Run over by elevated rail-
1. Not returned as alcoholic  122 Biliary calculi	4. Others 2 163 Lack of care	road cars
123 Other diseases of the liver		<ol> <li>Run over by subway cars</li> <li>Crushed by falling bodies</li> </ol>
124 Diseases of the pancreas except	XIII.—Old Age.	8. Crushed by derricks, stones.
cancer	164 Old age (senility)	9. Other causes
126 Other diseases of the digestive	XIVExternal Causes.	189 Injuries by animals (not polsoning)
system (cancer and tuberculosis excepted)	165 Suicide by solid or liquid poisons	190 Wounds received in war
	(corrosive substances excepted)	191 Executions of civilians by bellig- erent armies
VII.—Non-Venereal Diseases of the	0. Opium, morphine	192a Excessive labor
Genito-Urinary System and	1. Strychnine	192b Starvation (deprivation of food or
its Adnexa.	3. Others	water)
127 Acute nephritis (including unspeci-	166 Suicide by corrosive substances  0. Arsenic (paris green)	194 Excessive heat
fled under 10 years of age) 1	1. Bichloride of mercury	195 Lightning
128 Chronic nephritis (including unspecified over 10 years of age 4	2. Carbolic acid	197 Homicide by firearms
129 Chyluria	3. Cyanides (prussic acid) 4. Oxalic acid	198 Homicide by cutting or piercing in-
130 Other diseases of the kidneys and	b. Muriatic acid (hydrochioric	struments
their adnexa (diseases of the kidney in pregnancy excluded)	acid)	200 Infanticide (murder of infants less
131 Calculi of the urinary passages	6. Other corrosive poisons  167 Suicide by poisonous gas	than 1 year of age)
132 Diseases of the bladder (except	0. Illuminating gas	201 Fracture (cause not specified)
tumors)	1. Chloroforni	Surains
abcess, etc	2. Coal gas	2. Fractures (cause unspeci-
0. Stricture of the urethra	168 Suicide by hanging or strangulation 1	fied) 202 Other external violence
1. Others	169 Suicide by drowning	0. Criminal abortion
tumors )	1. Others	1. Explosions
136 Non-venereal diseases of the male genital organs	170 Suicide by firearms	3. Other medicaments (injec-
genital organs	171 Suicide by cutting or plercing in- struments	tion)
the ovary	1/2 Suicide by jumping from high	4. Other external violence 203 Violent deaths of which the cause
137 Salpingitis or pelvic absecss 138 Benign tumors of the uterus	places	is unknown
139 Non-puerperal uterine hemorrhage.	173 Suicide by crushing	3/3/ 3/1 5 0 1 5 1
140 Metritis	175 Poisoning by food	XVIll-Defined Diseases.
141 Other diseases of the female genital organs	0. Mushrooms 1. Shell fish	204 Sudden death
142 Non-puerperal diseases of the	2. Pork sausages	205 Cause of death not specified or ill-
breast (cancer excepted)	3. Others	defined
VIII.—The Puerperal State.	177 Other acute accidental poisonings	1. No disease; malingering
143 Accidents of pregnancy	(gases excepted)	2. Surgical operation
0. Abortion	0. Ethyl alcohol 1 1. Bichloride of mercury	TOTAL 171

### CONTAGIOUS HOSPITAL REPORT FOR FEBRUARY, 1923

	Diptheris and Measles	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat Diphtheria	Measles	Scarlet Fever	Tonsilitis	Diphtheria and Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	Mumps	Typhoid Fever	Whooping Cough & Measles	Influenza Pneumonia	Scarlet Fever and Diphtheria		Scabies	Total
Patients admitted Termination { Recovery   Death	3 2 1			13 18 2	2 2			1		13 6 	 1		1		1	į		32 30 4

DEATHS BY AGES		
Total	Males	Females
Under 1 day 11	- 6	5
1-2 days 3	3	0
2-3 days 2	2	U
3 days-1week 1	0	1
1-2 weeks 1	1	()
2-3 weeks 3	1	2
3 wks-1 month 0	0	0
1-2 months 1	0	1
2-3 months 1	1	0
3-6 months 8	6	2
6-9 months 6	6	0
9-12 months 4	1	3
1 year 9	5	4
2 years 2	1	1
3 years 1	1	0
4 years 1	()	1
5-9 years 4	4	0
10-14 years 0	0	0
15-19 years 5	3	2
20-24 years 6	1	5
25-29 years 4	1	3
30-34 years 3	3	0
35-39 years 7	4	3
40-44 years 6	4	2
45-49 years 6	1	5
50-54 years10	8	2
55-59 years16	**************************************	<b>(</b> )
60-64 years 10	4	6
65 69 years	3	6
70-74 years10	4	-6
75-79 years 12	3	9
80-84 years 7	2	5
85-89 years 2	1	1
90-94 years 0	()	0
95-99 years 0	0	0
100 +	0	0
Unknown 0	0	()
Total	87	84

DEATHS BY AGES

	DEATHS	S BY	WARDS	
1				. 31
2				26
_			*******	
4				9
5				13
7			********	11
8				32
0				. 16

HOSPITALS
City Hospital14
Union Hospital
St. Anne's Hospital
Bay View Hospital 5
Truesdale Hospital 4
Contagious Hospital 5
City Home 6
STILL BIRTHS
Males 7
Females 6
Unknown
Total
NATIVITY
Fall River 80
Massachusetts 9
Other States10
Ireland17
Canada27
England13
Scotland
Germany
Azores 9
Austria
France
Belgium
Russia 3
Portugal
Italy 1
Poland
Bermuda
Australia
Spain Spain
Greece
Brazil
Syria
Western Islands
Western Islands

CEMETERIES	
Oak Grove	20
North Burial Ground	.12
St. John's	2
St. Mary's	1
Notre Dame	
Nwoo Hill	
Agedas Aham Our Lady of Light	
St Mary's Polish	. 0
St. Mary's, Polish Sent away for interment. Brought here for interment	10
Brought here for interment	38
	-
SEX	
Male	87
Female	84
COLOR	
White	170
Colored	
Colored	
CONDITION	
Married	40
Single	
Widowed	
Divorced	
Unknown	
There were 336 cases of contagious disea	292
reported for Feb., viz:	
Diphtheria	30
Scarlet Fever	
Typhoid Fever	1
Tuberculogie of Lungs	26
Tuberculosis, other forms. Whooping Cough.	3
Whooping Cough	12
Measles	172
Ophthalmia Neonatorum	15
Chicken Pox	% R
Anterior Poliomyelitis	1
Cerebro-Spinal Meningitis	
Pneumonia, Lobar	17
Influenza	6
Septic Sore Throat	
Mumps	4
German Measles	2
l'ellagra	Z
Gonorrhoea	3
Syphilis	2
7, 1	

The following is the number of contagious diseases reported in each ward:

1—78 2-32 3—36 4-43 5—28 6—12 7—21 8—24 9

Estimating the population at 128,487, 171 deaths would give an annual death rate of 15.97 in 1,000. This is 16 less than last month and 25 less than the same month in 1922.

FRANK L. LARKIN, Secretary

SAMUEL B. MORRISS, Agent.

Wales .....



- OF THE-

# BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS.

SAMUEL B. MORRISS, AGENT.

COPIES OF BULLETIN MAILED UPON REQUEST.

HEALTH DEPARTMENTS PLEASE EXCHANGE.

VOLUME IX

APRIL, 1923

**NUMBER 4** 

### FILTH AND FLIES

As a rule, we expect that at this time of the year, we will find it necessary to notify many owners of property throughout the city to clean up their premises and get rid of the unsightly, unsanitary accumulation of ashes, rubbish, garbage, etc., which is scattered around upon the surface of their yards. Because of the severe nature of the weather of the past winter, conditions are even worse than usual. The responsibility for this condition rests jointly upon both the owner of the property and the tenants. The owner because of his failure to supply the necessary receptacles for garbage and for ashes and other waste, or to see that they are provided, and the tenant for not using the receptacles properly, that is depositing the waste material around the barrels, etc., instead of in them, or not keeping garbage and ashes separate but depositing them both in the same receptacle or heaping them in an unsanitary, unsightly pile in the yard.

Keepers of poultry and the owners of stables also add to these undesirable conditions by allow-

ing manure to accumulate and exposing it to the weather, instead of storing it in the stable cellar or other approved vault or bin. Keeping the manure stored is not sufficient, the bin or vault should be tightly covered and all stable windows and doors should be screened against flies.

When it is understood that Flies breed in filth, live in filth and carry filth, and are carriers of disease germs, such as Typhoid Fever and Tuberculosis, the need of cleaning up these unsanitary filthy places is understood. If there were less filth, there would be fewer flies and less deaths. If more of our people realized this and cooperated with the Health Department by cleaning up their own premises and urging their neighbors to do likewise, we would soon get rid of the filthy, dangerous, disease-carrying fly. The careless individual is still with us in fairly large numbers so we will still have to swat the fly and the more we use the swatter early in the spring, the less we will have to do later on.

## LABORATORY

In order to extend the facilities of our Laboratory, a Laboratory Technician has been appointed by the Board of Health to assist our Bacteriologist. For the present, in addition to the work already being performed by the Laboratory, urinary analysis will also be made for local physicians. It is intended in the near future to also make Wasser-

man tests and to overcome the delays incident to the sending of such specimens to the Laboratory of the Massachusetts Department of Public Health in Boston. Miss Catherine L. Sullivan is the appointee to the position and her education and training admirably fit her for the position.

# MORTALITY FOR THE MONTH OF MARCH, 1923

INTERNATIONAL LIST OF CAUSES OF DEATH, AS ADOPTED AT THE THIRD INTERNATIONAL CONGRESS FOR THE REVISION OF THE CLASSIFICATION OF CAUSES OF DEATH, HELD AT PARIS, OCTOBER, 1920.

1	-Endemic or Infectious Diseases	•
1	Typhoid fever (abdominal typhoid	
	and para-typhoid)  0. Typhoid fever  1. Paratyphoid fevers	
	1. Paratyphoid fevers	
2	Typhus fever (exanthematous) Relapsing fever (spfrillum obermeter) Melito—coccosis (Malta fever)	
	eri)	
4	Melito—coccosis (Maita iever)	
	0. Malarial fever	
6	Malarial fever or cachexia.  0. Malarial fever  1. Malarial cachexia  Smallpox  Measles	
7		2
9	Whooping cough	8
10	Diphtheria	2
3.1	Scarlet lever Whooping cough Diphtheria Influenza Complications:	g
	0. Pneumonia 1. Bronchitis	5 2
	2. Heart diseases	1
	4 Moningitie	
	6. Gastro intestinal	2
	7. Others	1
12	Milliary fever	
14	Asiatic cholera	
15		
16	Dysentery	
	Dysentery  (. Amebic  1. Bacillary  2. Unspecified or due to other causes	
	causes	
17	Plague	
	0. Bubonic	
	1. Pneumonic	
18	Yellow fever	
19	leterohemorrhagica spirochetosis	
20 21	Leprosy	1
22	Acute poliomyelitis	
24	Encephalitis lethargica Epidemic cerebro-spinal meningitis.	
25	Other epidemic diseases  Varicella  Rubella  Septic Sore Throat	
	1. Rubella	
26	Purulent or septicemic infection Glanders and farcy. Malignant pustule (anthrax) Rabies	
27	Glanders and farcy	
29	Rabies	
30	Tetanus Mycoses Tuberculosis of the respiratory sys-	
32	Tuberculosis of the respiratory sys-	13
33	Tuberculosis of the meninges or of the central nervous system Tuberculosis of the intestines or peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints Tuberculosis of other organs and structures	40
34	Tuberculosis of the intestines or	
35	peritoneum	
36	Tuberculosis of the joints	2
37	Tuberculosis of other organs and structures	
	0. Tuberculosis of the skin or subcutaneous cellular tissue	
	1. Tuberculosis of the bones	
	(except vertebral column).  2. Tuberculosis of the lymphatic system (except the	
	phatic system (except the	
	mesenteric and retroper- itoneal glands)	
	3. Tuberculosis of the genito-	
38	4. Tuberculosis of other organs Disseminated tuberculosis  6. Acute (including miliary tu-	
30	6. Acute (including miliary tu-	
	berculosis of the lungs, ex- cept that specified as	
	chronic or pulmonary)	
39	Syphilis (includes syphilic infection	
	of any organ, tissue or structure	
	of any organ, tissue or structure of the body)  0. Primary	
	1. Secondary 2. Tertiary	
	3. Hereditary	
40	Soft chancre (used for morbidity	
	statistics only) Gonococcal infection except that of	
41	Gonococcal infection except that of the eye or adnexa	
42	Gonococcal ophthalmia	
-		

NC	OF CAUSES OF DEATH, HELD AT	1
1	I.—General Diseases Not Included	
	Above.	
43	Cancer or other malignant tumors of the buccal cavity  0. Cancer of the lip	
	0. Cancer of the lip	
	2. Cancer of the mouth	
	3. Cancer of the jaw	
44	Cancer or other malignant tumors	
	0. Cancer of the pharynx	
	1. Cancer of the esophagus 2. Cancer of the stomach	
	3. Cancer of the liver and gall	1
45	Cancer or other malignant tumors	1
	of the peritoneum, intestines and rectum	
	rectum  0. Cancer of the mesentery and perttoneum  1. Cancer of the intestines (ex-	
	1. Cancer of the intestines (ex-	
	cept rectum) 2. Cancer of the rectum and annus	
	annus	
48	Cancer or other malignant tumors	
	0. Cancer of the ovary and	
	1. Cancer of the uterus	2
	2. Cancer of the vagina and	
A ==0	annus 3. Others Cancer or other malignant tumors of the female gential organs.  0. Cancer of the ovary and fallopian tubes 1. Cancer of the uterus. 2. Cancer of the vagina and vulva 3. Others Cancer or other malignant tumors of the breast Cancer or other malignant tumors of the skin	
47	of the breast	
48	Cancer or other malignant tumors of the skin	
49	of the skin	
	0. Cancer of the larynx	1
	pleura	
	2. Cancer of the pancreas 3. Cancer of the kidneys and	
	suprarenals	
	6. Cancer of the bladder	
	6. Cancer of the brain	
	Cancer or other malignant tumors of other or unspecified organs  0. Cancer of the larynx  1. Cancer of the lung and pleura  2. Cancer of the pancreas  3. Cancer of the kidneys and suprarenals  4. Cancer of the brain  6. Cancer of the bladder  6. Cancer of the bones (except jaw)  8. Cancer of the bones (except jaw)  9. Cancer of the testes  9. Others  Benign tumors and tumors not returned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138).  0. Tumor of the brain  1. Tumor of thorax  2. Tumor of bladder  4. Tumor of bladder  5. Tumor of prostate  5. Tumor of other location.  Acute febrile articular rheumatism Chronic rheumatism or gout  0. Chronic rheumatism or gout.	
	9. Others	1
50	turned as malignant (except be-	
	nigh or non-specified tumors of the overv and uterus-136, 138)	
	0. Tumor of the brain	3
	2. Tumor of abdomen	
	4. Tumor of prostate	
51	5. Tumor of other location	1
52	Chronic rheumatism or gout 0. Chronic rheumatism	•
53 54	Scurvy Pellagra	
55 56	Beri-beri Rickets	
<b>57</b> 58	Diabetes	2
50	D Pernicions anamia .	
59	1. Other anemias and chlorosis Diseases of the pituitary gland Diseases of the thyroid gland 0. Exophthalmic goitre	1
60	Diseases of the thyroid gland	
	1. Other diseases of the thy- rold gland	
61	Diseases of the parathyroid gland	
62 63	Diseases of the parathyroid gland Diseases of the thymus Addison's disease (disease of the adrenals)	
64	adrenals)	
65	adrenals) Diseases of the spleen Leukemia and Hodgkin's disease	
	1. Hodgkin's disease	
66 67	O. Leukemia I. Hodgkin's disease Alcolodism (acute or chronic) Chronic poisoning by mineral sub-	
	stances	
00	stances  0. Chronic lead poisoning 1. Others	
68	Chronic poisoning by organic sub- stances Other general diseases	
69	Other general diseases	
	1. Amyloid degenerations	
	3. Hemoriallia	
	4. Purpura hemorrhagica 5. Others	

	Diseases of the Nervous Syst and Organs of Special Sense.	
70 71	Encephalitis	
• •	0. Simple 1. Non-epidemic cerebro - spin-	2
72	Progressive locomotor ataxia (tabes	
73	dorsalis)Other diseases of the spinal cord	
	Encephalitis  Meningitis  0. Simple 1. Non-epidemic cerebro - spin- al meningitis  Progressive locomotor ataxia (tabes dorsalis) Other diseases of the spinal cord. 0. Bulbar paralysis (Duchen- ne's disease) 1. Paralysis agitans (Parkin- son's disease) 2. Acute ascending spinal par- alysis (Landry's disease). 3. Myelitis 4. Others Cerebral hemorrhage, apoplexy. 0. Cerebral hemorrhage	
	son's disease)	
	alysis (Landry's disease) 3. Myelitis	
74	4. Others Cerebral hemorrhage, apoplexy	
	Cerebral hemorrhage     Cerebral thrombosis and embolism	
75	Paralysis (without specified cause) 0. Hemiplegia 1. Other forms of paralysis. General paralysis (of the insane). Other forms of mental allengtion	1
76	1. Other forms of paralysis General paralysis (of the insane)	
77 78	Other forms of mental alienation.	
79	Convulsions (non - puerperal) (5	
80	Other forms of mental alienation.  Epilepsy Convulsions (non-puerperal) (5 years and over) Infantile convulsions (under five years of age).	4
81	Chorea Chorea	1
	Hysteria and neuralgia     Neuritis	
82 83	Chorea  0. Chorea  1. Hysteria and neuralgia 2. Neuritis Softening of the brain Other diseases of the nervous system	
84	Diseases of the organs of vision and	
	0. Diseases of the eye (except tumor)	
	1. Follicular conjunctivitis 2. Trachoma	
	4. Other diseases of the eye or	
85	tion, No. 42  0. Diseases of the eye (except tumor)  1. Follicular conjunctivitis  2. Trachoma  3. Tumors of the eye  4. Other diseases of the eye or its adnexa  Diseases of the organs of hearing and the mastoid process	
	and the mastoid process  0. Diseases of the ear.  1. Diseases of the mastoid process	
IV	-Diseases of the Circulatory Syste	D 2730
86 87	Pericarditis	
01	Acute endocarditis and myocarditis  0. Acute endocarditis  1. Acute myocarditis  Other diseases of the heart  0. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of the heart  Aneurism	2
88	Angina pectoris	4
	0. Chronic endocarditis	6 12
	2. Other chronic diseases of the heart	6
90 91	Atheroma and other diseaser of the	
92	Embolism and thrombosis (except	б
93	Diseases of the veins (varices,	
94	cerebral) Diseases of the veins (varices, hemorrholds, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.)	
95	cause: other diseases of the cir-	
V	culatory system.  Diseases of the Respiratory Syste Diseases of the nasal fossae and their adness	100.
96	Diseases of the nasal fossae and their adnexa	
	their adnexa  0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer	
97	Diseases of the larynx (except tuberculosis and cancer	2
98	0. Acute	4
	1. Chronic 2. Not otherwise defined under 5 years of age	2
	3. Not otherwise defined, 5	
99	3. Not otherwise defined, 5 years and over Broncho pneumonia (including capillary bronchitis)	
	1. Capillary bronchitis	22 1
100	v. Lodar	11
101	Pieurisy	
	0. Pleurisy	

				PROSE SA
102	Congestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolic acid	
103	orrhage of the lung	nancy	3. Cocame	
104	Asthma	145 Other accidents of childbirth	5. Opium (morphine)	
105 106	Other diseases of the respiratory	0. Cesarian section	7. Others	
	system (tuberculosis excepted)	and instrumental delivery	8. Not specified or unknown	
	0. Chronic interstitial pneumo- nia (including occupational	2. Others 1	1/9 Accidental burns and scales (con-	
	diseases of the lung)  1. Diseases of the mediasti-	147 Phlegmasia alba dolens, puerperal embolism or sudden puerperal	flagration excepted)	
	num	death	1. Lamps	
	2. Others	148 Puerperal albuminuria or convul- sions	2. Steam	
VI	Diseases of the Digestive System.	149 Childbirth (without other explana-	4. Matches	
107	Diseases of the mouth and adnexa.	tion)	5. Bonfires	
	0. Diseases of the teeth and gums		7. Unknown	
	1. Other diseases of the buccal	IX.—Diseases of the Skin or Cellular	180 Accidental mechanical suffocation  0. Foreign body in larynx	
108	cavity and adnexa Diseases of the pharynx and tonsils	Tissue.	1. Overlying	
	(includes adenoids)	151 Gangrene	2. Others	
	0. Streptoccic sore throat 1. Ludwig's angina	152 Boil, carbuncle, furuncle	able or poisonous gas	4
	2. Tonsilitis	154a Tinea and alopecia (morbidity	1. Chloroform or ether	
	3. Adenoids	154a Tinea and alopecia (morbidity only) 154b Pruritis (morbidity only)	2. Coal gas	
109 110	Diseases of the esophagus	155 Other diseases of the skin and its	4. Sewer gas	
110	num	adnexa	5. Other gases	
	0. Ulcer of the stomach 1. Ulcer of the duodenum	X.—Diseases of the Bones and Organs	182 Accidental drowning	
111	Other diseases of the stomach (can-	of Locomotion.	0. Rivers, ponds, etc	1
	0. Indigestion	156 Diseases of the bones (tubercu-	183 Accidental injury by firearms	
	1. Gastritis	losis excepted) 157 Diseases of the joints (tubercu-	(wounds of war excepted) 184 Accidental injury by cutting or	
	2. Stricture or stenosis of py- lorus	losis and rheumatism excepted)	piercing instruments	
	3. Others Diarrhea and enteritis (under 2	158 Other diseases of the bones or organs of locomotion	185 Accidental injury by falls 0. Down shafts, hatchways,	
112	Diarrhea and enteritis (under 2 years of age)		holds of vessels	
113	Diarrhea and enteritis (2 years and	XI.—Malformations.	1. Down stairs	
114	Ankylostomiasis	159 Congenital malformations (still-births excepted)	3. From fire-escapes	
115	Diseases due to other intestinal	0. Hydrocephalus	4. From scaffolds	
	parasites	1. Malformations of the hear 2 2. Others 3	6. From vehicles	
	liver excepted)		9. Other falls	
	1. Trematodes	XII.—Diseases of Early Infancy.	186 Accidental traumatism in mines and quarries	
	kylostoma)	160 Congenital debility, icterus and	0. In mines	
	3 Coccidia	sclerema	1. In quarries	
116	5. Parasites not specified Appendicitis and typhlitis	1. Inanition	0. Deaths by machinery	
117	Hernia, intestinal obstruction	3. Sclerema	1. Deaths by elevators	
	0. Hernia 2 1. Intenstinal obstruction 2	4. Others	crushing (vehicles, railways,	
118	Other diseases of the intestines	labor	landslides, etc.)	
	0. Diseases of the anus and stercoral fistulae	0. Premature birth 5 1. Injury at birth 2	etc	
	1. Other diseases of the intes-	162 Other diseases peculiar to early in-	<ol> <li>Run over by automobiles</li> <li>Run over by other vehicles</li> </ol>	1
119	Acute yellow atrophy of the liver.	fancy	3. Run over by electric surface	3
120	Hydatid tumor of the liver	1. Atelectasis 2	4. Run over by steam railroad	1
121	Cirrhosis of the liver	2. Umbilical infection 3. Umbilical hemorrhage	cars	
122	1. Not returned as alcoholic 3 Biliary calculi 2	4. Others	road cars	
123	Other diseases of the liver 1		<ol> <li>Run over by subway cars.</li> <li>Crushed by falling bodies.</li> <li>Crushed by derricks, stones</li> </ol>	
124	Diseases of the pancreas except	XIII.—Old Age.	8. Crushed by derricks, stones	
125	Peritonitis of unstated cause	164 Old age (senility) 1	etc. 9. Other causes	
126	Other diseases of the digestive system (cancer and tuberculosis	XIV.—External Causes.	189 Injuries by animals (not poisoning)	
	excepted)	165 Suicide by solid or liquid polsons	190 Wounds received in war	
VII	Non-Venereal Diseases of the	(corrosive substances excepted)  0. Opium, morphine	erent armies	
	Genito-Urinary System and	1. Strychnine	192a Excessive labor 192b Starvation (deprivation of food or	
	its Adnexa.	2. Chloroform (ether) 3. Others	water)	
127	Acute nephritis (including unspeci-	166 Suicide by corrosive substances  0. Arsenic (paris green)	194 Excessive heat	
	fied under 10 years of age) 4 Chronic nephritis (including un-	1. Bichloride of mercury	195 Lightning	
128	specified over 10 years of age 16	2. Carbolic acid	197 Homicide by firearms	
129	Other diseases of the kidneys and	4. Oxalic acid	198 Homicide by cutting or piercing instruments	
130	their adnexa (diseases of the	5. Muriatic acid (hydrochloric acid)	struments	
131	kidney in pregnancy excluded) Calculi of the urinary passages	6. Other corrosive poisons	than 1 year of age)	4
132	Diseases of the bladder (except	167 Suicide by poisonous gas  0. Illuminating gas	201 Fracture (cause not specified)	
183	tumors)	1. Chloroform	Sprains	
	abcess, etc.	3. Others	2. Fractures (cause unspecified)	
	0. Stricture of the urethra 1. Others	168 Suicide by hanging or strangulation 169 Suicide by drowning	202 Other external violence	
134	Diseases of the prostate (except	0. Rivers, etc	0. Criminal abortion	
135	Non-venereal diseases of the male	1. Others	2. Salvarsan injection	
	genital organs	171 Suicide by cutting or piercing in-	3. Other medicaments (injection)	
	the ovary	struments	4. Other external violence	
137	Salpingitis or pelvic absects Benign tumors of the uterus	places	203 Violent deaths of which the cause is unknown	
138 139	Non-puerperal uterine hemorrhage.	173 Suicide by crushing		
140.	Metritis Other diseases of the female genital	175 Poisoning by food	XVIll-Defined Diseases.	
141	organs	0. Mushrooms	204 Sudden death	
142	Non-puerperal diseases of the	2. Pork sausages	205 Cause of death not specified or ill- defined	
	breast (cancer excepted)	3. Others	<ol> <li>Ill-defined or not specified.</li> </ol>	. 1
142	VIII.—The Puerperal State.	177 Other acute accidental poisonings	<ol> <li>No disease; malingering</li> <li>Surgical operation</li> </ol>	
'43	Accidents of pregnancy	(gases excepted)		000
	1. Ectopic gestation	1. Bichloride of mercury	TOTAL 2	209
	** Modelly Makes Annual Property Commencer (Springer Commencer) - Topic Commencer -	The same and the same of the s	many to the many of the second	-

### CONTAGIOUS HOSPITAL REPORT FOR MARCH, 1923

	Diptheria and Measles Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat Diphtheria	Measles	Scarlet Fever	Tonsilitis	Diphtheria and Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	Mumps	Typhoid Fever	Whooping Cough & Measles	Influenza Preumonia Scarlet Fever	BELOW THE STATE OF	Scabies	Total
Patients admitted Termination { Recovery   Death	1  1		9 6 1		13 8						•		1		****	23 15 2

DEATHS BY AGES		
E E	Males	Females
Under 1 day 2	1	1
1-2 days 2	1	1
2-3 days 4	_	1
3 days-1week 1		0
1-2 weeks	2	U
2-3 weeks 1		0
3 wks-1 month		2
1-2 months		0
2-3 months 2	_	2
3-6 months 5		3
6-9 months 6		2
9-12 months 6		5
1 year10	4	6
2 years 1	1	0
3 years 5	3	2
4 years 2	1	1
5-9 years 8	5	3
10-14 years 4	2	2
15-19 years 7	1	6
20-24 years 3	2	1
25-29 years 5	0	5
30-34 years 4	2	2
35-39 years 8	3	5
40-44 years 3	3	0
45-49 years	5	8
50-54 years12	6	6
55-59 years11	в	5
60-64 years16	7	9
65 69 years 22	10	12
70-74 years10	5	5
75-79 years 13	4	9
80-84 years	4	- 8
85-89 years 3	2	1
90-94 years 1	0	1
95-99 years 0	0	U
100 + 0	0	0
Unknown 0	0	0
Total209	95	114

DEATHS BY WARDS	
1	27
2	27
3	19
4	9
5	16
6	23
7	5
8	50
9	38

HOSPITALS         City Hospital       22         Union Hospital       13         St. Anne's Hospital       2         Bay View Hospital       2         Truesdale Hospital       2         Contagious Hospital       1         City Home       4         Home for Aged       1
STILL BIRTHS
Males         10           Females         7           Unknown         17
NATIVITY
Fall River 86 Massachusetts 15
Other States 6
Ireland
Canada
England
Scotland 2 Germany 2
Azores 21
Austria 1
France
Belgium
Russia 1 Portugal
Italy
Poland6
Bermuda
Australia
Sweden
Spain
Brazil
Syria
Western Islands
Finland 1
Unknown 1

CEMETERIES
Oak Grove
Notre Dame         77           Nwoo Hill         2           Agedas Aham         2           Our Lady of Light         2           St. Mary's, Polish         2           Sent away for interment         8           Brought here for interment         26
SEX
Male         95           Female         114
White
CONDITION
Married
Widowed         47           Divorced         1           Unknown         1
There were 204 cases of contagious diseases
reported for March, viz:
Diphtheria         13           Scarlet Fever         31           Typhoid Fever         1
Typhoid Fever 1 Tuberculosis of Lungs 24 Tuberculosis, other forms 2
Whooping Cough
Ophthalmia Neonatorum 6 Suppurative Conjunctivitis 8
Chicken Pox
Cerebro-Spinal Meningitis 1 Pneumonia, Lobar
Septic Sore Throat
Lethargica Encephalitis
Gonorrhea 4 Syphilis 1

The following is the number of contagious diseases reported in each ward:

1-31 2-21 3-25 4-23 5-26 6-8 7-9 8-19 9-42

Estimating the population at 128,487, 209 deaths would give an annual death rate of 19.52 in 1,000. This is 58 more than last month and 58 less than the same month in 1922.

FRANK L. LARKIN, Secretary.



- OF THE-

# BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS.

SAMUEL B. MORRISS, AGENT.

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MAY 1923

NUMBER 5



The regulations of the Board of Health require that milk shall be cooled to a temperature of fifty degrees Fahrenheit or less within one hour after being drawn from the cow. The nilk producer is held responsible for this provision of the regulations being compiled with and he is also required to keep the milk cold until it is delivered to or collected by the Milk Dealer. From the time that the Dealer receives the milk from the producers until he delivers it to his customers, he in turn is charged with the duty of keeping it cold. No matter how carefully the regulation is lived up to by both the producer and the dealer, the consumer must also do his part by taking proper care of it from the time of delivery until it is consumed. For unless milk is kept cold it is ideal for the promotion of the growth of bacteria which increase rapidly in warm milk.

The milk should be taken into the house as soon as it is delivered and placed on ice and it should be kept in the

original container in the refrigerator. As required it should be poured from the bottle and the cap should be replaced or an inverted tumbler should be used to keep out flies and dust. No milk taken from the bottle should be returned to it.

As many of our people cannot afford to buy ice and keep their milk cold as thus advised, they should keep it as cool as possible. Setting the bottle in a deep pan or dish of cold water in a cool place away from the heat of the sun and frequently changing the water will help. However where the milk cannot be kept on ice it is advised that all milk be boiled for at least three minutes immediately before being given to children as this will destroy any bacteria in the milk and prevent it from being a means of transmitting disease, especially Diarrhoea and Enteritis which annually cause approximately one-third of our infant deaths.

## LEARN TO "LET GO"

One of the most practical and absolutely truthful bits of philosophy appeared some time ago in "Medical Talk," on the wisdom of "letting go." It is something that is good for everyone, and all should try to practise it. Here it is:

If you want to be healthy morally, mentally and physically, just "let go."

"Let go" of the little bothers of every-day life, the irritations and the petty vexations that cross our path daily. Don't take them up and nurse them, pet them, and brood over them. They are not worth while. Let them go.

That little hurt you got from a friend, perhaps it wasn't intended, perhaps it was, but never mind, let it go Refuse to think about it.

Let go of the feeling of hatred you have for another, the jealousy, the envy, the malice, let go all such thoughts. Sweep them out of your mind, and you will be surprised what a cleaning up and rejuvenating effect it will have upon you, both physically and mentally. Let them all go. You house them at deadly risk.

But the big troubles, the bitter disappointments, the deep wrongs and heart-breaking sorrows, the tragedies of life, what about them? Why, just let them go too. Drop them softly maybe, but surely. Put away all regret and bitterness, and let sorrow be only a softening influence. Yet, let them go, and make the most of the future.

Then that little pet ailment that you have been hanging onto and talking about, let it go. It will be a good riddance. You have treated it royally, but abandon it; let it go. Talk about health, instead, and health will come. Quit nursing that pet ailment and let it go.

It is not so hard after once you get used to the habit of it—letting go of these things. You will find it such an easy way to get rid of the things that mar and embitter life that you will enjoy letting them go. You will find the world such a beautiful place. You will find it beautiful because you will be free to enjoy it—free in mind and body.

Learn to let go. As you value health of body and peace of mind, let go—just simply let go.

# MORTALITY FOR THE MONTH OF APRIL, 1923

International List of Causes of Death, as Adopted at the Third International Congress for the Revision of the Classification of Causes of Death, Held at Paris, October, 1920.

1	.—Endemic or Infectious Diseases.	
1	Typhoid fever (abdominal typhoid	
	and para-typhoid)  U. Typhoid fever  1. Paratyphoid fevers	
2	Typhus fever (exanthematous) Relapsing fever (spirillum obermeieri) Mellto—coccosis (Malta fever)	
4 5	Melito—coccosis (Malta fever)  Malarial fever or cachexia  0. Malarial fever  1. Malarial cachexia	
6	1. Malarial cachexia	
7	Measles	-
8	Whooping cough	
10	1. Malariai cachexia Smallpox Measles Scarlet fever Whooping cough Diphtheria Influenza Complications:	
	1 Bronchitis	4
	2. Heart diseases 3. Nephritis 4. Meningitis 5. Gastro intestinal 6. Puerperal	
	6. Puerperal	
12	Miliary fever	
13 14 15	Mumps Asiatic cholera Cholera nostras (choleriform en-	
16		
10	0. Amebic	
	Dysentery  0. Amebic 1. Bacillary 2. Unspecified or due to other causes	
17	Plague	
	Plague 0. Bubonic 1. Pneumonic 2. Septicemio	
18	J. Unspecified	
19	Icterohemorrhagica spirochetosis Leprosy	
21	Erysipelas	
23 24 25	Encephalitis lethargica Epidemic cerebro-spinal meningitis. Other epidemic diseases	1
	Other epidemic diseases  0 Varicella  1. Rubella  2. Septic Sore Throat	
26	Purulent or septicemic infection Glanders and farcy. Malignant pustule (anthrax) Rables	
28	Rables	
30 31 32	Rables Tetanus Mycoses Tuberculosis of the respiratory system Tuberculosis of the meninges or of the central nervous system Tuberculosis of the intestines or peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints Tuberculosis of other organs and structures	
33	Tuberculosis of the meninges or of	8
34	the central nervous system	1
	peritoneum	1
35 36 37	Tuberculosis of the joints	
3/	structures	
	Tuberculosis of the skin or subcutaneous cellular tissue     Tuberculosis of the bones	
	1. Tuberculosis of the bones (except vertebral column).	
	(except vertebral column).  2. Tuberculosis of the lymphatic system (except the	
	mesenteric and retroper-	
	itoneal glands)	1
38	4. Tuberculosis of other organs Disseminated tuberculosis	
	0. Acute (including miliary tu- berculosis of the lungs, ex- cept that specified as	
	chronic or pulmonary)  1. Chronic	
39	Syphilis (includes syphilic infection	
	of any organ, tissue or structure of the body)	
	0. Primary	
	Secondary     Tertiary     Hereditary     Period not specified	
	4. Period not specified	
40	Soft chances (used for morbidity	
41	Statistics only) Gonococcal infection except that of the eye or adnexa	
42	Gonococcal ophthalmia	

440		· ·	CHA
	1	I.—General Diseases Not Included Above.	
	43	Cancer or other malignant tumors of the buccal cavity  0. Cancer of the lip  1. Cancer of the tongue  2. Cancer of the mouth  3. Cancer of the jaw  4. Others  Cancer or other malignant tumors of the stomach and liver.	
		0. Cancer of the lip	
		1. Cancer of the tongue 2. Cancer of the mouth	
		3. Cancer of the jaw	
	44	Cancer or other malignant tumors	
		of the stomach and liver  0. Cancer of the pharynx  1. Cancer of the esophagus  2. Cancer of the stomach  3. Cancer of the liver and gall	
		2. Cancer of the esophagus	4
		3. Cancer of the liver and gall bladder	
	45	Conson on other mollenant tumore	
		rectum	
		of the peritoneum, intestines and rectum  O. Cancer of the mesentery and peritoneum  1. Cancer of the intestines (except rectum)	
		cept rectum)	3
		2. Cancel of the rectum and	1
	46	3. Others Cancer or other malignant tumors	
		of the female genital organs	
		fallopian tubes	
		2. Cancer of the uterus 2. Cancer of the vagina and	
		annus 3. Others Cancer or other malignant tumors of the female genital organs 0. Cancer of the ovary and fallopian tubes 1. Cancer of the uterus 2. Cancer of the vagina and vulva 3. Others Cancer or other malignant tumors of the breast Cancer or other malignant tumors of the skin	
	47	Cancer or other malignant tumors	
	48	Cancer or other malignant tumors	
	49	Cancer or other malignant tumors of the skin  Cancer or other malignant tumors of other or unspecified organs  0. Cancer of the larynx	
		of other or unspecified organs 0. Cancer of the larynx	
		1. Cancer of the lung and pleura	
		2. Cancer of the pancreas	
		3. Cancer of the kidneys and suprarenals 4. Cancer of the prostate. 5. Cancer of the brain. 7. Cancer of the bones (except jaw) 8. Cancer of the bones (except jaw) 9. Others 9. Others Benign tumors and tumors not returned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138). 0. Tumor of the brain. 1. Tumor of thorax. 2. Tumor of abdomen. 3. Tumor of bladder 4. Tumor of prostate. 5. Tumor of other location. Acute febrile articular rheumatism Chronic rheumatism or gout. 0. Chronic rheumatism 1. Chronic gout Scurvy	
		5. Cancer of the bladder	
		7. Cancer of the brain	
		jaw)	
	50	9. Others Benign tumors and tumors not re-	2
		turned as malignant (except be-	
		the overy and uterus—136, 138)	
		1. Tumor of thorax	
		2. Tumor of abdomen	
		4. Tumor of prostate 5. Tumor of other location	
	51 52	Acute febrile articular rheumatism	
	04	0. Chronic rheumatism	1
	53	Scurvy	
	54 55	Beri-beri	
	56 <b>57</b>	Rickets	1
	58	Anomia Chlorogia	
	59	1. Other anemias and chlorosis	
	60	O. Pernicious anemia  Other anemias and chlorosis Diseases of the pitultary gland  Exophthalmic goitre  Other allegaces of the thy	
		1. Other diseases of the thy-	
	61	1. Other diseases of the thyroid gland Diseases of the parathyroid gland. Diseases of the thymus	
	62 63	Diseases of the thymus	
	64	adrenals) Diseases of the spleen Leukemia and Hodgkin's disease	
	65	Leukemia and Hodgkin's disease.	
		1. Hodgkin's disease	
	66 67	0. Leukemia 1. Hodgkin's disease Alcoholism (acute or chronic) Chronic poisoning by mineral sub-	
		stances	
	68	1. Others	
		stances  0. Chronic lead poisoning 1. Others Chronic poisoning by organic substances Other general diseases	
	69		
		2. Autointoxications	
		3. Hemophllia 4. Purpura hemorrhagica	
		5 Others	

5. Others .....

		Marchien
111	.—Diseases of the Nervous Syst and Organs of Special Sense.	e m
70 71	Encephalitis	
, ,	Meningitis  0. Simple  1. Non-epidemic cerebro - spin-	1
72	Progressive locomotor ataxia (tabes	
73	Other diseases of the spinal cord	
	Bulbar paralysis (Duchenne's disease)     Paralysis agitans (Parkinson's disease)     Acute ascending spinal paralysis (Landry's disease)     Myelltis     Others  Cerebral hemorrhage, apoplexy     Cerebral hemorrhage     Cerebral hemorrhage	
	son's disease)	
	alysis (Landry's disease)	
74	4. Others	3
	0. Cerebral hemorrhage 1. Cerebral thrombosis and em-	5
75	bolism  Paralysis (without specified cause)  0. Hemiplegia  1. Other forms of paralysis General paralysis (of the insane)	
	<ol> <li>Hemiplegia</li> <li>Other forms of paralysis</li> </ol>	
76 77	General paralysis (of the insane) Other forms of mental alienation	
78 79	Convulsions (non - puerperal) (5	
80	years and over) Infantile convulsions (under five	
81	Chorea	1
	1. Hysteria and neuralgia	
82 83	General paralysis (of the insane). Other forms of mental allenation. Epilepsy Convulsions (non-puerperal) (5 years and over) Infantile convulsions (under five years of age). Chorea  1. Hysteria and neuralgia 2. Neuritis Softening of the brain Other diseases of the nervous system	
84	tem Diseases of the organs of vision and adnexa except gonococcal infection No. 42	
	adnexa except gonococcal infec- tion, No. 42	
	0. Diseases of the eye (except tumor)	
	1. Follicular conjunctivitis 2. Trachoma	
	2. Trachoma 3. Tumors of the eye 4. Other diseases of the eye or	
85	Diseases of the organs of hearing	
	tis adnexa of the eye of the aring and the mastoid process  0. Diseases of the ear 1. Diseases of the mastoid process	
IV	-Diseases of the Circulatory Syste	m
86 87	Pericarditis	
	1. Acute endocarditis	3
88 89	Other diseases of the heart	5
	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart 0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart	7 11
90	the heart	3
91	Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except	1
92	Embolism and thrombosis (except cerebral)	-
93	Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	
94	(lymphangitis, etc.)	
le D	cerebral) Diseases of the veins (varices, hemorrholds, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system.	
V	Diseases of the Respiratory System	m.
30	their adnexa  0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer Bronchitts  A cute	
97	1. Others	
98	tuberculosis and cancer Bronchitis	
	1. Chronic	1
1511	8. Not otherwise defined, 5 years and over Broncho pneumonia (including capillary bronchitis)  0. Broncho pneumonia 1. Capillary bronchitis	
90	illary bronchitis)	11
100	1. Capillary bronchitis	11
	0. Lobar	4
101	0. Pleurisy	1
	1. Empyema of thoracic cavity	

102 Congestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolic acid
orrhage of the lung	nancy	3. Cocaine
103 Gangrene of the lung	144 Puerperal hemorrhage	4. Lysol 5. Opium (morphine)
104 Asthma	0. Cesarian section	6. Wood alcohol
106 Other diseases of the respiratory	1. Other surgical operations	7. Others
system (tuberculosis excepted)  0. Chronic interstitial pneumo-	and instrumental delivery 2. Others	8. Not specified or unknown
nia (including occupational	146 Puerperal septicemia	179 Accidental burns and scalds (con-
diseases of the lung)	147 Phlegmasia alba dolens, puerperal	flagration excepted)
1. Diseases of the mediasti- num	embolism or sudden puerperal death	0. Stoves
2. Others	148 Puerperal albuminuria or convui-	2. Steam
VI Diseases of the Digestive System.	sions	3. Hot fluids
107 Diseases of the mouth and adnexa.	tion)	5. Bonfires
0. Diseases of the teeth and	150 Puerperal diseases of the breast	6. Others
gums	IXDiseases of the Skin or Cellular	7. Unknown
1. Other diseases of the buccal cavity and adnexa	Tissue.	0. Foreign body in larynx
108 Diseases of the pharynx and tonsils		1. Overlying
(includes adenoids)	151 Gangrene	181 Accidental absorption of irrespir-
1. Ludwig's angina	153 Phlegmon, acute abscess	able or poisonous gas 0. Illuminating gas
2. Tonsilitis	154a Tinea and alopecia (morbidity	1. Chloroform or ether
3. Adenoids	only)	2. Coal gas
109 Diseases of the esophagus	155 Other diseases of the skin and its	3. Ammonia fumes
110 Ulcer of the stomach and duode-	adnexa	5. Other gases
0. Ulcer of the stomach	X.—Diseases of the Bones and Organs	6. Unknown 182 Accidental drowning
1. Ulcer of the duodenum	of Yesemation	0. Rivers, ponds, etc
111 Other diseases of the stomach (can- cer excepted	of Locomotion.	1 i)there
0. Indigestion	156 Diseases of the bones (tubercu-	
1. Gastritis	losis excepted)	(wounds of war excepted)  184 Accidental injury by cutting or
2. Stricture or stenosis of py- lorus	losis and rheumatism excepted)	pierong matruments
3. Others	158 Other diseases of the bones or organs of locomotion	185 Accidental injury by falls 0. Down sharts, hatchways,
112 Diarrhea and enteritis (under 2 years of age) 2		holds of vessels
113 Diarrhea and enteritis (2 years and	XI.—Malformations.	1. Down stairs
over)	159 Congenital malformations (still-	3. From fire-escapes
114 Ankylostomiasis	births excepted)	From scaffolds
parasites	1. Malformations of the heart 3	6. From vehicles
0. Cestodes (hydatids of the liver excepted)	2. Others 1	l. On streets, sidewalks, etc
1. Trematodes	XII.—Diseases of Early Infancy.	9. Other falls
2. Nematodes (other than ankylostoma)	160 Congenital debility, icterus and	quarries
5 Coccidia	sclerema	0. In mines 1. In quarries
4. Other parasites 5. Parasites not specified	0. Marasmus 1 1. Inanition	167 Accidental traumatism by machines
116 Appendicitis and typhlitis 2	2. leterus	v. Deaths by machinery
117 Hernia, intestinal obstruction	3. Sclerema	1. Deaths by elevators  188 Accidental traumatism by other
0. Hernia 1. Intenstinal obstruction	4. Others 1 161 Premature birth, or consequence of	crushing (vehicles, railways,
118 Other diseases of the intestines	labor	landslides, etc.)
0. Diseases of the anus and stercoral fistulae	0. Premature birth	etc
1. Other diseases of the intes-	162 Other diseases peculiar to early in-	1. Run over by automobiles 1 2. Run over by other vehicles
tines	fancy	3. Run over by electric surface
120 Hydatid tumor of the liver	1. Atelectasis	cars
121 Cirrhosis of the liver	2. Umbilical infection	cars
1. Not returned as alcoholic 1	4. Others	5. Run over by elevated rail- road cars
122 Biliary calculi	163 Lack of care	6. Run over by subway cars 7. Crushed by falling bodies 8. Crushed by derricks, stones,
123 Other diseases of the liver 2 124 Diseases of the pancreas except	XIII.—Old Age.	7. Crushed by falling bodies
cancer	164 Old age (senility) 2	etc.
125 Peritonitis of unstated cause 1 126 Other diseases of the digestive		9. Other causes
system (cancer and tuberculosis	XIV.—External Causes.	189 Injuries by animals (not poisoning) 190 Wounds received in war
excepted)	165 Suicide by solid or liquid poisons (corrosive substances excepted)	191 Executions of civilians by bellig-
VII.—Non-Venereal Diseases of the	0. Opium, morphine	erent armies
Genito-Urinary System and	1. Strychnine	192b Starvation (deprivation of food or
its Adnexa.	2. Chloroform (ether)	water)
127 Acute nephritis (including unspeci-	166 Suicide by corrosive substances	194 Excessive heat
fied under 10 years of age)	0. Arsenic (paris green) 1. Bichloride of mercury	195 Lightning
128 Chronic nephritis (including unspecified over 10 years of age 7	Z. Carbolic acid	197 Homicide by firearms
129 Chyluria	3. Cyanides (prussic acid) 4. Oxalic acid	198 Homicide by cutting or piercing in-
130 Other diseases of the kidneys and	5. Muriatic acid (hydrochloric	struments
their adnexa (diseases of the kidney in pregnancy excluded) 1	acid)	200 Infanticide (murder of infants less
131 Calculi of the urinary passages	167 Suicide by poisonous gas	than 1 year of age)
132 Diseases of the bladder (except tumors)	0. Illuminating gas	201 Fracture (cause not specified)
133 Diseases of the urethra, urinary	1. Chloroform	Sprains
abcess, etc	3. Others	2. Fractures (cause unspecified)
1. Others	168 Suicide by hanging or strangulation 169 Suicide by drowning	fled)
134 Diseases of the prostate (except	0. Rivers, etc	0. Criminal abortion
tumors )	1. Others	2. Salvarsan injection
genital organs	171 Suicide by cutting or piercing in-	3. Other medicaments (Injection)
the ovary	struments	4. Other external violence
the ovary 137 Salpingitis or pelvic absecss	172 Sulcide by jumping from high places	203 Violent deaths of which the cause is unknown
138 Benign tumors of the uterus 139 Non-puerperal uterine hemorrhage.	173 Suicide by crushing	is unanewil
140 Metritis	174 Other suicides	XV Ill-Defined Diseases.
141 Other diseases of the female genital	0. Mushrooms	204 Sudden death
organs	1. Shell fish	205 Cause of death not specified or ill-
breast (cancer excepted)	3. Others	defined
VIIIThe Puerperal State.	176 Poisoning by venomous animals 177 Other acute accidental poisonings	1. No disease; malingering
143 Accidents of pregnancy	(gases excepted)	2. Surgical operation
0. Abortion	(gases excepted)	TOTAL 129
1. Ectopic gestation	1. Bichloride of mercury	101712 129

### CONTAGIOUS HOSPITAL REPORT FOR APRIL, 1923

	Diptheria and Measles Cerebro-Spinal	Chicken Pox	Septic Sore Throat Diphtheria	Measles	Scarlet Fever	Tonsilitis	Diphtheria and Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	Mumps	Typhoid Fever	Whooping Cough & Measles Influenza Pneumonia	Scarlet Fever and Diphtheria	Scabies	Total
Patients admitted	1		7		10			***		4	1		8410		19
Termination { Recovery Death					19					1	****				26

### DEATHS BY AGES

DEATIIS DI AGE			
	otal	ales	emales
	Ĕ	Σ	124
Under 1 day	4	4	0
1-2 days	0	0	()
2-3 days	0	0	0
3 days-1week	7	3	4
1-2 weeks	1	1	0
2-3 weeks	0	0	U
3 wks-1 month	0	0	0
1-2 months	2	1	1
2-3 months	2	2	0
3-6 months	3	1	2
6-9 months	4	2	2
9-12 months	1	1	0
1 year	5	3	2
2 years	2	2	0
3 years	2	1	1
4 years	2	1	1
5-9 years	()	0	0
10-14 years	1	1	0
15-19 years	3	0	3
20-24 years	3	3	0
25-29 years	1	0	1
30-34 years	4	1	3
35-39 years	5	1	4
40-44 years	2	2	0
45-49 years	5	4	1
50-54 years	11	7	4
55-59 years	11	4	7
60-64 years	11	6	5
65 69 years	11	7	4
70-74 years	7	3	4
75-79 years	1	6	5
80-84 years	5	4	1
85-89 years	3	1	2
90-94 years	0	0	0
95-99 years	0	0	U
100+	0	0	0
Unknown	0	0	()
Total12	29	72	57
		-	01

### DEATHS BY WARDS

-		•	•	• •	•	•	۰	۰	••		•		۰		•	•	۰		۰		9	•					۰	•	•				• •		۰	۰	0 4		p.			***	•	۰	۰	• •	*	*	•	۰	**		4	1	1
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9																																																							

#### HOSPITALS

City Hospital	. 9
Union Hospital	
St. Anne's Hospital	. 7
Bay View Hospital	. 1
Truesdale Hospital	. 6
Contagious Hospital	,
City Home	
Home for Aged	

#### STILL BIRTHS

Males	8
Females	5
Unknown	
Total1	3

#### NATIVITY

NATIVITY
Fall River 52
Massachusetts 8
Other States 6
Ireland15
Canada
England16
Scotland 1
Germany
Azores
Austria 1
France
Belgium
Russia 1
Portugal
Italy 1
Poland 1
Bermuda
Australia
Sweden
Spain
Greece
Brazil
Syria
Western Islands
Finland 1
Unknown

### CEMETERIES

Oak Glove
North Burial Ground 4
St. John's
St. Mary's 1
St. Patrick's38
Notre Dame
Nwoo Hill 2
Agedas Aham0
Our Lady of Light 1
St. Mary's, Polish
Sent away for interment
Brought here for interment36
SEX

## .....

	COLOR	
White		129
Colored		

#### CONDITION

Married	 50
Single	 57
Widowed	 22
Unknown	 0

# There were 144 cases of contagious diseases reported for April, viz: Diphtheria ......14

Scarlet Fever	.12
Typhoid Fever	. 9
Tuberculosis of Lungs	
Tuberculosis, other forms	
Whooping Cough	
Measles	
Ophthalmia Neonatorum	
Suppurative Conjunctivitis	
Chicken Pox	
Anterior Poliomyelitis	
Cerebro-Spinal Meningitis	
Pneumonia, Lobar	
Influenza	
Septic Sore Throat	
Mumps	
German Measles	

Gonorrhea Syphilis ....

The following is the number of contagious diseases reported in each ward:

1-23 2-23 3-12 4-18 5-12 6-9 7-9 8-11 9-27

Estimating the population at 128,487, 129 deaths would give an annual death rate of 12.05 in 1,000. This is 80 less than last month and 23 less than the same month in 1922.

FRANK L. LARKIN, Secretary.



-OF THE-

# BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS.

SAMUEL B. MORRISS, AGENT.

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VOLUME IX

JUNE 1923

NUMBER 6

### MATERNAL AND INFANT WELFARE STATION

The first active steps by the Department for the reduction of our high infant mortality rate by attacking the problem along pre-natal lines were taken through the Infant Welfare Commission, a division of the Board of Health, June 18th. Preliminary steps including the selections of proper location and quarters in the Flint section, the furnishing and equipping of the same and the appointment of a staff of physicians and nurses, had been taken prior to this date. A seven-room apartment on the second floor of a modern brick building on the northeast corner of Choate and Pleasant Streets was selected as the station, and necessary furniture and equipment for the various rooms, which were fitted out one as an office for the Supervisor of Nurses, two as examining rooms, one for pre-natal cases and the other for well babies attending the clinic - two as waiting rooms, one as an exhibit room, and one in which the nurses could do necessary clerical work and for the keeping of their records. With this work completed and the staff appointed the real active work began when the nurses left the Station to become acquainted with the prospective mothers of Ward Six, and to teach them the wisdom and necessity of taking proper care of themselves during the time of their pregnancy, and how to do so, in order that their babies will have every possible opportunity for being well born and physically equipped to be able to follow the risky business of being a baby. Both Pre-natal and Well Baby Clinics will be held at the Station, the former Tuesday afternoons from three to five o'clock, and the latter during the same hours on Thursday afternoons. Although it is intended to carry all children, registered at the station, through the pe-school age, especial emphasis will be laid upon Prenatal Work.

Circular letters outlining the purpose, method, and policy of the Infant Welfare Commission have been sent to all local physicians, requesting their co-operation, advice and assistance to make the work successful. Every pregnant woman who is visited will be asked the name of the physician who has been engaged for the confinement and his permission for giving pre-natal care will be requested. If he refuses the patient will be discharged. If he gives permission, a report of each visit will be sent him including temperature, pulse, respiration, urinary analysis, blood pressure, etc. If no physician has been engaged she will be advised as to the necessity of seeing a physician early. If a child under the supervision of the station develops any illness, the mother will be advised to call in the family physician.

The following rules have been printed as advertising matter in all the papers published in the city and in various languages as circulars, which are being distributed by all the Public Health and District Nurses throughout the city, as part of the program of the Commission to reach all sections of the city.

# Ten Rules for Care of Baby in Hot Weather

- Feed baby only breast milk the first nine months, if possible.
- Give plain boiled water between feeding three times a day.
- 3. Feed baby regularly, not oftener than every
- 4. When breast milk is not possible, use cow's
- 5. BOIL ALL COWS' MILK THREE MINUTES, WHETHER PASTEURIZED OR NOT, IM-MEDIATELY BEFORE GIVING IT TO THE BABY
- 6. Boil bottles thoroughly before using. Boil nipples at least once a day and keep in boric acid solution.

- 7. Do not overfeed the baby. If he is inclined to have part of his feeding do not urge him to take the rest.
- 6. Give baby a bath at least once a day, and when the weather is very hot sponge him off once more.
- 9. Give the baby fresh air day and night. Sunlight is necessary for health, but it should not shine directly in the baby's eyes.
- 10. If the baby vomits or has diarrhoea, immediately stop all food, give only FRESH water to drink and send for a doctor.

# MORTALITY FOR THE MONTH OF MAY, 1923

1	-Endemic or Infectious Diseases	
1	mandal force (abdominal typhoid	-
1	and para-typhoid)  0. Typhoid fever 1. Paratyphoid fevers Typhus fever (exanthematous) Typhus fever (exanthematous)	
2	1. Paratyphoid fevers	
3		
4 5	eri) Melito—coccosis (Malta fever) Malarial fever or cachexia  0. Malarial fever 1. Malarial cachexia	
•	0. Malarial fever	
6		
8	Measles	
10	Whooping cough Diphtheria Influenza	2
		2
	0. Pneumonia	
	3. Nephritis 4. Meningitis 5. Gastro intestinal 6. Puerperal 7. Others Miliary fever	1
	5. Gastro intestinal 6. Puerperal	1
12	7. Others	1
13	Mumps Asiatic cholera	
15	Mumps Asiatic cholera Cholera nostras (choleriform enteritis)	
16	0. Amebic	
	O, Amebic 1. Bacillary 2. Unspecified or due to other causes	
17	Plague	
	0. Bubonic	
	2 Unonecitied	
18 19	Yellow fever	
20	Leprosy Erystpelas	1
22	Yellow fever Icterohemorrhagica spirochetosis. Leprosy Erysipelas Acute pollomyelltis Encephalitis lethargica Epidemic cerebro-spinal meningitis.	
24 25	Epidemic cerebro-spinal meningitis Other epidemic diseases	
	Other epidemic diseases  Varicella  Rubella  Septic Sore Throat	
26	Purulent or septicemic infection	
27 28	Purulent or septicemic infection Glanders and farcy Malignant pustule (anthrax) Rables	
29 30	Tetanus	
31 32	Tetanus Mycoses Tuberculosis of the respiratory sys-	10
33	Tuberculosis of the meninges or of	13
34	Tuberculosis of the meninges or of the central nervous system  Tuberculosis of the intestines or peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints  Tuberculosis of other organs and structures	1
35 36	Tuberculosis of the vertebral column	A
37	Tuberculosis of other organs and	
	0. Tuberculosis of the skin or	
	subcutaneous cellular tissue 1. Tuberculosis of the bones (except vertebral column).	
	(except vertebral column).  2. Tuberculosis of the lymphatic system (except the	
	mesenteric and retroper- itoneal glands)	
38	4. Tuberculosis of other organs Disseminated tuberculosis 0. Acute (including miliary tu-	
	berculosis of the lungs, except that specified as	
	chronic or pulmonary)	
55	1. Chronic	
	of any organ, tissue or structure of the body)	
	A Datmoni	
	1. Secondary 2. Tertlary 3. Hereditary 4. Period not specified	
40	Soft chancre (used for morbidity	
41	statistics only)	
42	the eye or adnexa	

I	I.—General Diseases Not Included	
	Above.	
43	Cancer or other malignant tumors	
	O Cancer of the lin	
	1. Cancer of the tongue	
	2. Cancer of the mouth	
	Cancer or other malignant tumors of the buccal cavity.  0. Cancer of the lip  1. Cancer of the tongue  2. Cancer of the mouth  3. Cancer of the jaw  4. Others	
44	Cancer of the stomach and liver.  0. Cancer of the pharynx  1. Cancer of the stomach  2. Cancer of the stomach  3. Cancer of the liver and gall bladder.	
77	of the stomach and liver	
	0. Cancer of the pharynx	
	1. Cancer of the esophagus	
	2. Cancer of the stomach	3
	bladder	1
45	Cancer or other malignant tumors	-
	of the peritoneum, intestines and rectum  0. Cancer of the mesentery and	
	rectum	
	o, Cancer of the mesentery and	
	peritoneum	
	cent rectum)	1
	2. Cancer of the rectum and	
	annus	2
46	Cancer or other malignant tumors	
40	of the female genital organs	
	0. Cancer of the ovary and	
	fallopian tubes	7
	1. Cancer of the uterus	1
	2. Cancer of the vagina and	
	3. Others	
47	Cancer or other malignant tumors	
40	of the breast	1
48	Cancer or other mangnant tumors	
49	Cancer or other malignant tumors	
	annus 3. Others Cancer or other malignant tumors of the female genital organs. 0. Cancer of the ovary and fallopian tubes 1. Cancer of the uterus. 2. Cancer of the vagina and vulva 3. Others Cancer or other malignant tumors of the breast Cancer or other malignant tumors of the skin Cancer or other malignant tumors of other or unspecified organs 0. Cancer of the larynx	
	0. Cancer of the larynx 1. Cancer of the lung and	
	1. Cancer of the line and	
	pleura  2. Cancer of the pancreas  3. Cancer of the kidneys and	
	3. Cancer of the kidneys and	
	suprarenals	
	4. Cancer of the prostate	
	suprarenals	
	7. Cancer of the bones (except	
	jaw)	1
	jaw) 8. Cancer of the testes. 9. Others 1. Others and tumors not returned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138). 1. Tumor of the brain 1. Tumor of thorax. 2. Tumor of abdomen. 3. Tumor of bladder. 4. Tumor of prostate. 5. Tumor of other location. Acute febrile articular rheumatism Chronic rheumatism or gout 0. Chronic rheumatism or gout.	
	9. Others	
50	turned as malignant (except be-	
	nign or non-specified tumors of	
	the ovary and uterus—136, 138)	
	0. Tumor of the brain	
	2 Tumor of abdomen	
	3. Tumor of bladder	
	4. Tumor of prostate	
F 4	5. Tumor of other location	
51 52	Chronic rheumatism or gout	
32	0. Chronic rheumatism	1
	1. Chronic gout	
53		
54 55	Pellagra Beri-beri	
56	Diokata	1
57	Diabetes	1
58	Diabetes Anemia, Chlorosis 0. Pernicious anemia 1. Other anemias and chlorosis Diseases of the pituitary gland. Diseases of the thyroid gland. 0. Exophthalmic goitre 1. Other diseases of the thyroid gland. Diseases of the parathyroid gland	
	U. Pernicious anemia	1
59	Diseases of the pituitary gland	1
60	Diseases of the thyrold gland	
	0. Exophthalmic goitre	
	1. Other diseases of the thy-	
61	Disposes of the narathyroid sland	
62	Diseases of the parathyroid gland Diseases of the thymus	
63	Addison's disease (disease of the	
	adrenals) Diseases of the spleen Leukemia and Hodgkin's disease	
64	Diseases of the spicen	
65	0. Leukemia	
	0. Leukemia	
66	Alcoholism (acute or chronic)	
67	Chronic poisoning by mineral sub-	
	0 Chronic lead neisoning	
	stances  0. Chronic lead poisoning 1. Others Chronic poisoning by organic substances Other general diseases	
68	Chronic poisoning by organic sub-	
0.0	stances	
69	Other general diseases	
	1. Amyloid degenerations	
	z. Autointoxications	
	3. Hemophilia	
	4. Purpura hemorrhagica 5. Others	1
	b. Others	4

111.	-Diseases of the Nervous Systemand Organs of Special Sense.	200
70	Encephalitis	1
71	0. Simple	1
	1. Non-epidemic cerebro - spin-	
72	Progressive locomotor ataxia (tabes	
73	Other diseases of the spinal cord.	
	Non-epidemic cerebro - spinal meningitis  Progressive locomotor ataxia (tabes dorsalis)  Other diseases of the spinal cord.      Bulbar paralysis (Duchenne's disease)      Paralysis agitans (Parkinson's disease)      Acute ascending spinal paralysis (Landry's disease).      Myelitis	
	1. Paralysis agitans (Parkin- son's disease)	
	2. Acute ascending spinal par- alysis (Landry's disease)	
	3. Myelitis 4. Others	
74	4. Others Cerebral hemorrhage, apoplexy 0. Cerebral hemorrhage	3
	1 Carebral thrombosic and em-	3
75	Paralysis (without specified cause)	,
74	bollsm	1
7 <b>6</b> 77		
78 79	Convulsions (non - puerperal) (5	3
80	Epilepsy Convulsions (non-puerperal) (5 years and over) Infantile convulsions (under five years of age)	
81	years of age)	
٠.	0. Chorea	
B2	2. Neuritis	
83	Chorea  0. Chorea  1. Hysteria and neuralgia 2. Neuritis  Softening of the brain Other diseases of the nervous systems	
84	Diseases of the organs of vision and	
	adnexa except gonococcal infec- tion, No. 42	
	0. Diseases of the eye (except tumor)	
	adnexa except gonococcal infec- tion, No. 42	
85	4. Other diseases of the eye or its adnexa.  Diseases of the organs of hearing	
.00	and the mastoid process  O. Diseases of the ear	
	1. Diseases of the mastoid process	
IV		9770
86	Pericarditis  Acute endocarditis and myocarditis	m
87	Acute endocarditis and myocarditis 0. Acute endocarditis	3
88	O. Acute endocarditis  1. Acute myocarditis  1. Acute myocarditis  Other diseases of the heart  O. Chronic endocarditis  1. Chronic myocarditis  Other chronic diseases of the heart	1 2
89	Other diseases of the heart	5
	1. Chronic myocarditis	2
no.		3
90 91	Aneurism Atheroma and other diseaser of the	
92	Time holians and thrombonic (assess	10
93	Diseases of the veing (verices	
94		
95		
	(lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the circulatory system.	
V	Diseases of the Respiratory System	m.
96		
	their adnexa  0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer	
97	Diseases of the larynx (except tuberculosis and cancer	
98	Bronchitis 0. Acute	
	Bronchitis  0. Acute  1. Chronic  2. Not otherwise defined under	1
	o vears of age	
0.0	vears and over	
99	Broncho pneumonia (including capillary bronchitis)  0. Broncho pneumonia 1. Capillary bronchitis	
	1. Capillary bronchitis	6
100	Pheumonia	2
101	1. Not otherwise specified Pleurisy	
	0. Pleurisy 1. Empyema of thoracic cavity	
	a. amply office of thornor on vity	

102 Congestion or parenchymatous hem-	2. Other accidents of preg-	3. Carbolic acid
102 Congestion or parenchymatous hem- orrhage of the lung	nancy	3. Cocaine 4. Lysol
104 Asthma	145 Other accidents of childbirth	5. Opium (morphine)
105 Emphysema of the lung	Cesarian section	6. Wood alcohol 7. Others
system (tuberculosis excepted)	and instrumental delivery	8. Not specified or unknown
0. Chronic interstitial pneumo- nia (including occupational	2. Others	178 Conflagration
diseases of the lung)	147 Phlegmasia alba dolens, puerperal	flagration excepted)
1. Diseases of the mediasti- num	embolism or sudden puerperal death 1	0. Stoves
2. Others	148 Puerperal albuminuria or convul-	2, Steam
VIDiseases of the Digestive System.	sions	4. Matches
107 Diseases of the mouth and adnexa.	tion)	5. Bonfires 6. Others
0. Diseases of the teeth and		7. Unknown
1. Other diseases of the buccal	IX.—Diseases of the Skin or Cellular	180 Accidental mechanical suffocation  0. Foreign body in larynx
cavity and adnexa  108 Diseases of the pharynx and tonsils	Tissue.	1. Overlying
(includes adenoids)	151 Gangrene 1 152 Boil, carbuncle, furuncle	181 Accidental absorption of irrespir-
1. Ludwig's angina	153 Phlegmon, acute abscess	able or poisonous gas
2. Tonsilitis	154a Tinea and alopecia (morbidity only)	1. Chloroform or ether
4. Others	154b Pruritis (morbidity only)	2. Coal gas
109 Diseases of the esophagus	155 Other diseases of the skin and its adnexa	4. Sewer gas 5. Other gases
num 0. Ulcer of the stomach	XDiseases of the Bones and Organs	o. Unknown
1. Ulcer of the duodenum		182 Accidental drowning
111 Other diseases of the stomach (can- cer excepted	of Locomotion.	1. Others
0. Indigestion	156 Diseases of the bones (tubercu-	183 Accidental injury by firearms (wounds of war excepted)
1. Gastritis	losis excepted)	184 Accidental injury by cutting or piercing instruments
lorus	losis and rheumatism excepted) 1	185 Accidental injury by falls
3. Others	gans of locomotion 1	0. Down shafts, hatchways holds of vessels
years of age)	XIMalformations.	1. Down stairs
over)	159 Congenital malformations (still-	2. From buildings
114 Ankylostomiasis	births excepted)	4. From scaffolds
parasites	1. Malformations of the heart	6. From vehicles
liver excepted)	2. Others	1. On streets, sidewalks, etc 9. Other falls
1. Trematodes	XII.—Diseases of Early Infancy.	186 Accidental traumatism in mines and
kylostoma)	160 Congenital debility, icterus and	quarries
3 Coccidia	sclerema 1	1. In quarries
5. Parasites not specified 1	1. Inanition	0. Deaths by machinery
117 Hernia, intestinal obstruction	3. Sclerema	1. Deaths by elevators 188 Accidental traumatism by other
0. Hernia 1 1. Intenstinal obstruction 1	4. Others	crushing (vehicles, railways.
118 Other diseases of the intestines  0. Diseases of the anus and	labor 5	0. Run over by wagons, trucks,
stercoral fistulae	1. Injury at birth 1	etc
1. Other diseases of the intes- tines	162 Other diseases peculiar to early in-	2. Run over by other vehicles 3. Run over by electric surface
tines 119 Acute yellow atrophy of the liver. 120 Hydatid tumor of the liver	0. Asphyxia neonatorum	cars
121 Cirrhosis of the liver	1. Atelectasis	4. Run over by steam railroad cars
0. Returned as alcoholic 1. Not returned as alcoholic 2	3. Umbilical hemorrhage 4. Others	5. Run over by elevated rail-
122 Biliary calculi	163 Lack of care	road cars
124 Diseases of the pancreas except	XIII.—Old Age.	<ol> <li>Run over by subway cars</li> <li>Crushed by falling bodies</li> <li>Crushed by derricks, stones,</li> </ol>
cancer	164 Old age (senility)	etc. 9. Other causes
126 Other diseases of the digestive system (cancer and tuberculosis	XIV.—External Causes.	189 Injuries by animals (not poisoning)
excepted)	165 Suicide by solid or liquid poisons	190 Wounds received in war
VII Non-Venereal Diseases of the	(corrosive substances excepted) 0. Opium, morphine	erent armies
Genito-Urinary System and	1. Strychnine	192a Excessive labor
its Adnexa.	3. Others	water) 193 Excessive cold
127 Acute nephritis (including unspeci-	166 Suicide by corrosive substances  0. Arsenic (paris green)	194 Excessive heat
fled under 10 years of age)  128 Chronic nephritis (including un-	Arsenic (paris green)     Bichloride of mercury     Carbolic acid	196 Other accidental electric shocks
specified over 10 years of age 9	3. Cyanides (prussic acid)	197 Homicide by firearms
129 Chyluria 130 Other diseases of the kidneys and	4. Oxalic acid	struments  199 Homicide by other means
their adnexa (diseases of the	acid)	200 Infanticide (murder of infants less
131 Calcult of the urinary passages	167 Suicide by poisonous gas	than 1 year of age)
132 Diseases of the bladder (except tumors)	0. Illuminating gas	Dislocations
133 Diseases of the urethra, urinary abcess, etc.	2. Coal gas	2. Fractures (cause unspeci-
0. Stricture of the urethra	3. Others	fled)
1. Others	169 Suicide by drowning	0. Criminal abortion
tumors )	1. Others	2. Salvarsan injection
genital organs	171 Suicide by cutting or piercing in-	3. Other medicaments (injec-
136 Cysts and other benign tumors of the ovary	struments	4. Other external violence
137 Salpingitis or pelvic absects 1 138 Benign tumors of the uterus 1	places	203 Violent deaths of which the cause is unknown
139 Non-puerperal uterine hemorrhage.	173 Suicide by crushing	
140 Metritis	175 Poisoning by food	XV.—III-Defined Diseases.
organs 1	1. Shell fish	204 Sudden death
142 Non-puerperal diseases of the breast (cancer excepted)	2. Pork sausages	defined
VIII.—The Puerperal State.	176 Poisoning by venomous animals 177 Other acute accidental poisonings	0. Ill-defined or not specified 1. No disease; malingering
143 Accidents of pregnancy	(gases excepted)	2. Surgical operation
0. Abortion	1. Bichloride of mercury	TOTAL 13

### CONTAGIOUS HOSPITAL REPORT FOR MAY, 1923

	Diptheria and Measles Cerebro-Spinal	Meningius	Septic Sore Throat	Diphtheria	Measles and Diphtheria	Scarlet Fever	Tonsilitis	Diphtheria and Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	Mumps	Typhoid Fever	Whooping Cough & Measles	Influenza Pneumonia	Scarlet Fever and Diphtheria	Scabies	Total
Patients admitted ( Recovery	1		1	5 6	1	11 14			****								18 21
Termination { Death	***			1						****							1

#### DEATHS BY AGES

DEATHS BY AGE	2		-
	Total	Males	Female
Under 1 day	4	3	1
1-2 days	1	1	()
2-3 days	1	1	0
3 days-1week	1	1	0
1-2 weeks	0	0	Ü
2-3 weeks	1	U	1
3 wks-1 month	0	0	0
1-2 months	0	0	0
2-3 months	4	2	2
3-6 months	6	3	3
6-9 months	1	0	1
9-12 months	1	1	0
1 year	6	2	4
2 years	0	0	0
3 years	1	0	1
4 years		0	1
5-9 years		2	1
10-14 years		3	1
15-19 years		2	3
20-24 years		0	3
25-29 years		0	3
30-34 years		1	1
35-39 years		7	5
40-44 years	. 5	3	2
45-49 years		1	1
50-54 years		3	8
55-59 years		4	5
60-64 years	10	6	4
65 69 years	12	6	6
70-74 years	8	5	3
75-79 years	9	5	4
80-84 years	1	0	1
85-89 years	4	3	1
90-94 years	0	0	0
95-99 years	0	0	0
100+	. 0	0	0
Unknown	0	0	()
Total1	31	65	66

### DEATHS BY WARDS

1	17
2	16
3	14
4	5
5	11
6	8
7	3
8	34
9	23

#### HOSPITALS

City Hospital	7
Union Hospital	7
St. Anne's Hospital	4
Bay View Hospital	2
Truesdale Hospital	8
Contagious Hospital	
City Home	7
Home for Aged	

#### STILL BIRTHS

Males	••••	4
Females		6
Unknown	a	
Tota	ıl	10

### NATIVITY

NATIVITY	
Fall River 50	0
Massachusetts	9
Other States	3
Ireland	3
Canada	
England14	4
Scotland	3
Germany	
Azores	9
Austria	
France	
Relgium	
Russia	3
Portugal	
Italy	
Poland	1
Bermuda	
Australia	
Sweden	
Spain	
Greece	
Brazil	
Syria	
British West Indies	1
Finland	
Unknown	

### CEMETERIES

Oak Grove
North Burial Ground 8
St. John's 1
St. Mary's 1
St. Patrick's21
Notre Dame
Nwoo Hill 4
Agedas Aham 1
Our Lady of Light 2
St. Mary's, Polish
Sent away for interment18
Brought here for interment26

		-
	COLOR	
	COLOR	
White	13	31
Colored		,

SEX

Male .... Female

#### CONDITION

Married																					
Single														- 0 1	 	 	 	 	 		5
Widowed															 	 	 	 			.3
Divorced.																 					
Unknown																 					

There were 125 cases of contagious diseases reported for May, viz:

6
0
1
9
2
7
8
5
9
9
5
4.

Septic Sore Throat....

Mumps
German Measles
Lethargica Encephalitis
Pellagra

Gonorrhea Syphilis .....

The following is the number of contagious diseases reported in each ward:

1-19 2--11 3-8 4--11 5-19 6-16 7-3 8-14 9-24

Estimating the population at 128,487, 131 deaths would give an annual death rate of 12.24 in 1,000 This is 2 more than last month and 15 less than the same month in 1922.

FRANK L. LARKIN, Secretary.



-OF THE-

# BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS. SAMUEL B. MORRISS, AGENT.

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VOLUME IX

JULY 1923

NUMBER 7

# Diseases of the Eyes of Infants.

Because of the evident misunderstanding on the part of some of our local physicians in regard to the reporting of diseases of the eyes of infants, we wish to call attention to the provisions of Sections 110 and 111 of

Chapter 111 of the General Laws.

Acting under the authority conferred by Chapter 111, the Massachusetts Department of Public Health has declared Ophthalmia Neonatorum to be a disease dangerous to the public health; this, most physicians know, and when they make a diagnosis of Ophthalmia Neonatorum they report the case promptly. However a few are still of the opinion that unless the case is gonorrheal ophthalmia it is not reportable. Several times recently physicians have given as a reason for not reporting cases, the fact that smears taken from the eyes of infants have been examined in the Board of Health Laboratory, and the report has been that no gonococci were found in the specimen. Ophthalmia Neonatorum as defined in standard Medical dictionaries is "a purulent conjunctivitis of the new-born". All cases of conjunctivitis of the eyes of a newborn infant with a purulent discharge are reportable, whether the condition is gonorrheal or not. In view of the language of Sections 110 and 111, the Board of Health considers a child of not more than fourteen days as new-born, and cases of Suppurative Conjunctivitis reported as such by physicians, are recorded as Ophthalmia Neonatorum if the child is less than fifteen days of age.

In all cases of Ophthalmia Neonatorum reported, a Board of Health nurse follows up the case and reports conditions found to the reporting physicians, if he takes care of the case himself. If the child had been delivered by a midwife, or if the physician in attendance prefers to turn the case over to the Board of Health, an Ophthalmologist who is employed by the Board of Health takes charge. In every such case an investigation is made by the Visitor of the Board of Health, and if the parents of the child are financially able, reimbursement for the Ophthalmologist's services are sought.

If a physician reports the symptoms as set down in these sections, a Board of Health nurse follows up the case, the physician is notified of conditions found on her visits, and the service of the Board's Ophthalmologist for consultation is offered. If the offer is not accepted and the conditions do not improve, the Ophthalmologist is sent by the Board to make a diagnosis, and if he decides it is a case, he takes charge of it under the Board's direction.

If a nurse or other person reports to this office that the eyes of an infant are inflamed, swollen, red or show an unnatural discharge, a Board of Health nurse visits the case to learn if there is a physician in attendance. If there is he is notified of conditions. In some cases the physician resents this as interference, and states that there is nothing to report. In such a case there is no cause for resentment, as the nurse is simply calling to his attention a condition which he should want to know of, and he is entirely in error when he claims that there is nothing to report, as Section 110 and 111 require these symptoms to be reported by physicians as well as others.

The sections referred to read as follows:

### Diseases of the Eves of Infants to be Reported.

Section 110. If either eye of an infant becomes inflamed, swollen and red, or shows an unnatural discharge within two weeks after birth, the nurse, relative or other attendant having charge of such infant, shall report in writing, within six hours thereafter, to the board of health of the town where the infant is, the fact that such inflammation, swelling and redness of the eyes or unnatural discharge exists. On receipt of such report, or of notice of the same symptoms given by a physician as provided by the following section, the board of health shall take such immediate action as it may deem necessary, including, so far as may be possible, consultation with an example of a trained nurse in order that blindness may be prevented. Whoever violates this section shall be punished by a fine of not more than one hundred dollars.

### Physicians to Report Names of Persons Infected with Certain Diseases.

Section 111. If a physician knows that either eye of an infant whom or whose mother a physician, or a hospital medical officer registered under section nine of chapter one hundred and twelve, visits becomes inflamed, swollen or red, or shows an unnatural discharge within two weeks after birth, he shall immediately give written notice thereof, over his own signature, to the Board of Health of the town; and if he refuses or neglects to give such notice he shall forfeit not less than fifty nor more than two hundred dollars.

# MORTALITY FOR THE MONTH OF JUNE, 1923

*** ***	A PART NAME OF THE PART OF THE
I.	-Endemic or Infectious Diseases.
1	Typhoid fever (abdominal typhoid and para-typhoid)  1. Paratyphoid fevers
61.1	Trubus fever (examinematous)
ĵ	Relapsing fever (spirillum obermei- cri) Melito—coccosis (Malta fever)
5	Malarial fever or cachexia  0. Malarial fever  1. Malarial cachexia
7	
3 9 10 1 i	Measles Scarlet fever Whooping cough Diphtheria Influenza Complications:
1 '	Complications: 0. Pneumonia
	Complications:  0. Pneumonia 1. Bronchitis 2. Heart diseases 3. Nephritis 4. Meningitis 5. Gastro intestinal 6. Puerperal 7. Others  Millowy fover
	Meningitis Gastro intestinal
	7. Others
13	Millary fever
	Mumps Aslatic cholera Cholera nostras (choleriform en-
16	ty writery
	Choiera nostras (choiernorm en-
17	0. Bubonic
	1. Pneumonic
13	Yellow fever Icterohemorrhagica spirochetosis.  Laysipeias Acute poliomyelitis Euroephalitis lethargica Epidemic cerebro-spinal meningitis. Other enddemic diseases
31	Liysipeias
	Acute pollomyelitis
	Other epidemic diseases
	Other epidemic diseases  Varieth  2. Septic Sore Throat
	Purulent or septicemic infection Glanders and farcy
. 6	Malignant pustule (anthrax)
10	The population of the warning town ever
	Tuberculosis of the respiratory system. 1
11	Tuberculosis of the respiratory system.  Tuberculosis of the meninges or of the central nervous system.  Tuberculosis of the intestines or peritoneum
	peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints
· .	Tuberculosis of other organs and
	o. Tuberculosis of the skin or subcutaneous cellular tissue 1. Tuberculosis of the bones
	(except vertebral column).
	2 Tuberculosis of the lym- phatic system (except the mesenteric and retroper-
	itoneal glands)
	urinary system
33	0. Acute (including miliary tu-
	Disseminated tuberculosis  0. Acute (including miliary tuberculosis of the lungs, except that specified as chronic or pulmonary)
39	Symplies (includes syphilic infection
	of any organ, tissue or structure of the body)
	Princips Soundary Territory Production of the conference of the co
	4. Period not specified
40	Soft chancre (used for morbidity statistics only)
41	statistics only) Gonococcal infection except that of
.0	Gonococcal ophthalmia

1024	OF CAUSES OF DEATH, HELD AT	A.
I	IGeneral Diseases Not Included	
43	Above.	
1	of the buccal cavity	
The Transport of the	Cancer or other malignant tumors of the buccal cavity.  1. Cancer of the p. 1. Cancer of the tongue 2. Cancer of the mouth 3. Cancer of the jaw 1. Others  Cancer or other malignant tumors of the stomach and liver 0. Cancer of the pharynx 1. Cancer of the esophagus 2. Cancer of the stomach 3. Cancer of the liver and gall bradder  Cancer or other malignant tumors of the peritoneum, intestines and	
++	Cancer or other malignant tumors	
7	0. Cancer of the pharynx 1. Cancer of the esophagus	
	2. Cancer of the stomach 3. Cancer of the liver and gall	2
-15	Cancer or other malignant tumors of the peritoneum, intestines and	
	Cancer or other malignant tumors of the peritoneum, intestines and rectum  0. Cancer of the mesentery and peritoneum  1. Cancer of the intestines (except rectum)  2. Cancer of the rectum and amnus  3. Others	
	cept rectum)	3
The same of the sa	annus 3. Others	
4.0	2. Cancer of the rectum and annus 3. Others Cancer or other malignant tumors of the female genital organs 0. Cancer of the ovary and fallopian tubes 1. Cancer of the uterus 2. Cancer of the uterus 2. Cancer of the vagina and vulva 3. Others Cancer or other malignant tumors of the breast Cancer or other malignant tumors of the skin Cancer or other malignant tumors of other or unspecified organs 0. Cancer of the larynx 1. Cancer of the larynx 2. Cancer of the larynx 3. Cancer of the pancreas 3. Cancer of the pancreas 4. Cancer of the brain 5. Cancer of the bladder 6. Cancer of the bladder 6. Cancer of the bones (except see turned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138). 0. Tumor of the brain 1. Tumor of theorax 2. Tumor of bladder 4. Tumor of other location Acute febrile articular rheumatism Chronic rheumatism or gout 1. Chronic rheumatism or gout 1. Chronic resumers	
Mary parameters	fallopian tubes	1
MA. Address Property (In	vulva	
47	Cancer or other malignant tumors of the breast	
6.	of the skin	
Annual of the last	of other or unspecified organs 0. Cancer of the larynx	
man and frances of	pleura	
and the second s	3. Cancer of the kidneys and suprarenals	1
A standard of the standard of	5. Cancer of the bladder	
remains a series	7. Cancer of the bones (except	
50	8. Cancer of the testes 9. Others	
	turned as malignant (except be- nign or non-specified tumors of	
1	0. Tumor of the brain 1. Tumor of thorax	
	2. Tumor of abdomen	
1 51	4. Tumor of prostate	1
23	Chronic rheumatism or gout  0. Chronic rheumatism	1
5:	Scurvy	
1.7	Revi-heri	
57 58	Rickets Diabetes Anemia, Chlorosis 0. Pernicious anemia	1
:9	1. Other anemias and chlorosis Diseases of the pituitary gland Diseases of the thyroid gland	1
00	0. Exophthalmic goitre	
61	1. Other diseases of the thyroid gland.  Diseases of the parathyroid gland	
6.	Diseases of the parathyroid gland. Diseases of the thymus	
6 F 35	Diseases of the spleen	
1,17	Leukemia     Li Hodgkin's disease     Alcoholism (acute or chronic) Chronic poisoning by mineral substances	
67	Chronic polsoning by mineral substances  O. Chronic lead polsoning	
68	Chronic poisoning by organic sub-	
69	Other general diseases	
	1 Amyloid degenerations	
	2 Millonionicalions	
	4. Purpura hemorrhagica 5. Others	

III.	-Diseases of the Nervous Systemand Organs of Special Sense.	m
70	Encephalitis	
71	Menngius	
	0. Simple 1. Non-epidemic cerebro - spin	
72	Progressive locomotor ataxia ( abec	
73	dorsalis)	
73	al meningitis  Progressive locomotor ataxia (absolute dorsalis)  Other diseases of the spinal cond.  Builtar paralysis (Duenen- ne's disease)	
	Builar paralysis (Duenen- ne's disease)     Paralysis agitans (Parkin- son's disease)     Acute ascending spinal par- alysis (Landry's disease)     Myelitis     Others	
	son's disease)	
	2. Acute ascending spinal par- alysis (Landry's disease)	
	3. Myelitis	
74	Cerebral hemorrhage, apoplexy	
	3. Myelitis 4. Others Cerebral hemorrhage, apoplexy 0. Cerebral hemorrhage 1. Cerebral thrombosis and embolism Paralysis (without specified cause) 0. Hemiplegia 1. Other forms of paralysis General paralysis (of the insane) Other forms of mental allenation.	14
75	Paralysis (without specified cause)	
	0. Hemiplegia	
76	General paralysis (of the insane)	2
77	Other forms of mental alienation	
79	Epilepsy Convulsions (non - puerperal) (5 years and over) Infantile convulsions (under five years of age) Chorea	
80	Infantile convulsions (under five	
81	years of age)	
01	Chorea  0. Chorea 1. Hysteria and neuralgia 2. Neuritis	
	1. Hysteria and neuralgia 2. Neuritis	
83	2. Neuritis	
	tem	
84	Other diseases of the nervous system  Diseases of the organs of vision and adnexa except gonococcal infection, No. 42  0. Diseases of the eye (except tumor)  1. Follicular conjunctivitis  2. Trachoma  3. Tumors of the eye  4. Other diseases of the eye or its adnexa	
	tion, No. 42	
	tumor)	
	1. Follicular conjunctivitis 2. Trachoma	
	3. Tumors of the eye	
	Diseases of the organs of hearing	
85	Diseases of the organs of hearing	
	0. Diseases of the ear	
	and the mastoid process 0. Diseases of the ear 1. Diseases of the mastoid process	
IV	-Diseases of the Circulatory Syste	m
86	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis Angina nectoris	
67	0. Acute endocarditis	l
83	1. Acute myocarditis	5)
89	Other diseases of the heart	
	1. Chronic myocarditis	6
	Angina pectoris Other diseases of the heart O. Chronic endocarditis I. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Ain room and other diseases of this arteries	6
90	Aneurism	1
	arteries	1
92	cerebral)	
93	Arthron and order disaser of the arteries Embolism and thrombosis (except cerebral)	
94	Diseases of the lymphatic system	
95	(if Impliangities, etc.)	
	cause; other diseases of the cir-	
V	culatory system.  Diseases of the Respiratory System  Diseases of the nasal fossae and	m.
96	Diseases of the nasal fossae and	
	0. Diseases of the nasal fossae	
97	their adness.  0. Diseases of the nasal fossae 1. Others Diseases of the larynx (exceptible routes) and cancer	
93	tuberculosis and cancer	
93		1
	0. Acute 1. Chronic 2. Not otherwise defined under	1
	5 years of age	
	5 years of age	
39	Broncho pneumonia (including cap- illary bronchitis)  0. Broncho pneumonia 1. Capillary bronchitis	
	0. Broncho pneumonia	3
100	I. Capillary bronchitis	1
	Pneumonia 0. Lobar 1. Not otherwise specified	1
101	Plen ky	
	1. Empyema of thoracic cavity	
	200700	

102	Congestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolie acid
	orrhage of the lung	nancy	3. Cocaine
103 104	Cangrene of the lung	144 Puerperal hemorrhage	5. Opium (morphine)
105	Emphysema of the lung	0. Cesarian section	b. Wood alcohol
106	Other diseases of the respiratory system (tuberculosis excepted)	1. Other surgical operations and instrumental delivery	7. Others
	0. Chronic interstitial pneumo-	2. Others	178 Conflagration
	· nia (including occupational	146 Puerperal septicemia	179 Accidental burns and scales (con-
	diseases of the lung)  1. Diseases of the mediasti-	147 Phlegmasia alba dolens, puerperal embolism or sudden puerperal	flagration excepted)
	num	death	1. Lamps
	2. Others	148 Puerperal albuminuria or convul-	2. Steam
VI	Discases of the Digestive System.	149 Childbirth (without other explana-	4. Matches
107	Diseases of the mouth and adnexa.	tion)	5. Bonfires
	0. Discases of the teeth and		7. Unknown
	1. Other diseases of the buccal	12.—Diseases of the Skin or Cellular	180 Accidental mechanical suffocation  0. Foreign body in larynx
100	cavity and adnexa	Tissue.	1. Overlying
1.3	Diseases of the pharynx and tonsils (includes adenoids)	151 Gaugrene	2. Others
	v. Streptoccic sore throat	152 Boll, carbuncle, luruncle	able or poisonous gas
	1. Ludwig's angina	153 Phlegmon, acute abscess	0. Illuminating gas
	3. Adenoids	only)	2. Coal gas
109	Diseases of the esophagus	1545 Pruritis (morbidity only) 155 Other diseases of the skin and its	3. Ammonia fumes
	Ulcer of the stomach and duode-	adnexa	4. Sewer gas 5. Other gases
	U. Ulcer of the stomach	M Diseases of the Bones and Organs	D. UDKNOWN
	1. Ulcer of the duodenum		182 Accidental drowning 0. Rivers, ponds, etc.
111	er excepted	of Locomotion.	1. Others
	v. indigostion	150 Diseases of the bones (tubercu-	183 Accidental injury by firearms (wounds of war excepted)
	1. Gastritis	losis excepted)	184 Accidental injury by cutting or
	2. Stricture or stenosis of py- lorus	losis and rheumatism excepted)	plercing instruments
440	3. Others Diarrhea and enteritis (under 2	158 Other diseases of the bones or or- gans of locomotion	0. Down shafts, hatchways
112	years of age) 2		holds of vessels
113	Diarrhea and enteritis (2 years and	XI.—Malformations.	1. Down stairs
114	over)	159 Congenital malformations (still- births excepted)	3. From fire-escapes
115	Diseases due to other intestinal	0. Hydrocephalus	4. From scaffolds
	parasites	1. Malformations of the heart 2 2. Others 2	6. From vehicles
	liver excepted)		I. On streets, sidewalks, etc 9. Other falls
	1. Trematodes	XII.—Diseases of Early Infancy.	186 Accidental traumatism in mines and
	kylostoma)	160 Congenital debility, icterus and	quarries
	8 Coccidia	scierema 1	1. In quarries
	ther parasites      Parasites not specified	0. Marasmus 1 1. Inanition	187 Accidental traumatism by machines 0. Deaths by machinery
	Appendicitis and typhlitis 2	2. Icterus 1	1. Deaths by elevators
117	Hernia, intestinal obstruction 1	3. Sclerema 2	188 Accidental traumatism by other crushing (vehicles, railways,
	1. Intenstinal obstruction	161 Premature birth, or consequence of	crushing (vehicles, railways, landslides, etc.)
118	Other diseases of the intestines  0. Diseases of the anus and	0. Premature birth 4	0. Run over by wagons, trucks,
	stercoral fistulae	1. Injury at birth 1	etc
	1. Other diseases of the intes-	162 Other diseases peculiar to early in-	2. Run over by other vehicles
119	Acree yellow alrophy of the liver	0. Asphyxia neonatorum	3. Run over by electric surface cars
120	Hydatid tumor of the liver	1. Atelectasis	4. Run over by steam railroad
	0. Returned as alcoholic	3. Umbilical hemorrhage	5. Run over by elevated rail-
173	1. Not returned as alcoholic Biliary calculi	4. Others 1 163 Lack of care	road cars
123	Other diseases of the liver 1		6. Run over by subway cars 7. Crushed by falling bodies
159	Directes of the pancreas except cancer	XIII.—Old Age.	8. Crushed by derricks, stones,
125	Peritonitis of unstated cause	164 Old age (senility)	9. Other causes
126	Other diseases of the digestive system (cancer and tuberculosis	XIV.—External Causes.	189 Injuries by animals (not poisoning)
	excepted)	165 Suicide by solid or liquid poisons	190 Wounds received in war
WEE	Non-Venereal Diseases of the	(corrosive substances excepted)	erent armies
V & 1		0. Opium, morphine	192a Excessive labor
	Genito-Urinary System and	2. Chloroform (ether)	water)
	its Adnexa.	3. Others	193 Excessive cold 194 Excessive heat
127	A ate hephritis (including unspeci- fied under 10 years of age)	0. Arsenic (paris green)	195 Lightning
1,23	Caronic nephritis (including un-	1. Bichloride of mercury 2. Carbolic acid	196 Other accidental electric shocks 197 Homicide by firearms
1:25	specified over 10 years of age 3	3. Cvanides (prussic acid)	198 Homicide by cutting or piercing in-
1.10	Ohar diseases of the kidneys and	4. Oxalic acid	struments
	their adhexa (diseases of the kidney in pregnancy excluded)	acid)	200 Infanticide (murder of infants less
131	Calculi of the urinary passages Discases of the bladder (except	6. Other corrosive poisons 167 Suicide by poisonous gas	than 1 year of age)
132	Discases of the bladder (except	0. Illuminating gas	201 Fracture (cause not specified)
133	tumors)	1. Chloroform	Sprains
	abcess, etc	3. Others	2. Fractures (cause unspecified)
	1. Others	168 Suicide by hanging or strangulation 169 Suicide by drowning	202 Other external violence
134	Diseases of the prostate (except	0. Rivers, etc	0. Criminal abortion
135		1. Others	2. Salvarsan injection
	genital organs	171 Suicide by cutting or piercing in-	3. Other medicaments (injection)
138	Cysts and other benign tumors of the ovary	struments	4. Other external violence
107	Salpingitis or pelvic absecss	places	203 Violent deaths of which the cause is unknown
138 139	Benign tumors of the uterus Non-puerperal uterine hemorrhage.	173 Suicide by crushing	
140	Metritis	174 Other suicides	XVIll-Defined Diseases.
141	Other diseases of the female genital organs	0. Mushrooms	204 Sudden death
1/2	Non-puerperal diseases of the	1. Shell fish	205 Cause of death not specified or ill-
	breast (cancer excepted)	3. Others	0. Ill-defined or not specified
	VIII.—The Puerperal State.	176 Poisoning by venomous animals 177 Other acute accidental poisonings	1. No disease; malingering
143	Accidents of pregnancy	(gases excepted)	2. Surgical operation
	0. Abortion	0. Ethyl alcohol	TOTAL 108
	The Property of the second	and the same of th	

### CONTAGIOUS HOSPITAL REPORT FOR JUNE, 1923

	Diphtheria and Measles	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat	Dipntheria	Measles and Diphtheria	Scarlet Fever	Tonsilitis	Diphtheria and Ophthalmia Neonatorum	Pneumonia (Lobar)	Scarlet Fever	Mumps	Typhoid Fever	Whooping Cough & Measles	Influenza Pneumonia	Scarlet Fever and Diphtheria	Scabies	Total
Patients admitted Termination { Recovery Death		••••		,	3	1	6 12		****	****	***	****	••••			****	••••	9 16

# DEATHS BY AGES

			10 U
	[a]	les	emales
	Total	Male	e Est
Under 1 day	5	3	2
1-2 days	0	0	0
2-3 days	0	0	0
3 days-1 week	3	0	3
1-2 weeks	2	1	1
2-3 weeks	0	0	0
3 weeks-1 month	3	2	1
1-2 months	0	0	0
2-3 months	0	0	0
3-6 months	3	2	1
6-9 months	0	0	0
9-12 months	2	1	1
1 year	3	2	1
2 years	1	1	0
3 years	0	0	, 0
4 years	2	1	1
5-9 years		2	0
10-14 years	2	0	2
15-19 years	3	3	0
20-24 years	4	1	3
25-29 years	3	1	2
30-34 years	1	0	1
35-39 years	2	0	2
40-44 years		4	1
45-49 years	3	3	0
50-54 years	11	4	7
55-59 years	9	6	3
60-64 years	7	2	5
65-69 years	6	2	4
70-74 years	6	3	3
75-79 years	9	6	3
80-84 years		1	2
85-89 years		2	6
90-94 years		0	0
95-99 years	0	0	0
100 +	0	0	.0
Unknown	0	0	0
Total1	08	53	55

### DEATHS BY WARDS

A	13
2	16
3	10
4	4
5	5
6	11
7	5
B	26
9	16

#### HOSPITALS

City Hospital	11
Union Hospital	8
St. Anne's Hospital	0
Bay View Hospital	5
Truesdale Hospital	5
Contagious Hospital	0
City Home	5
Home for Aged	2
CTILL DIDTILE	-
STILL BIRTHS	

#### STILL BIRTHS

Males	2
Females	6
Unknown	
Total	8
	_

### NATIVITY

Fall River	45
Massachusetts	. 9
Other States	. 7
Ireland	. 6
Canada	.18
England	. 8
Scotland	1
Germany	
Azores	. 7
Austria	. 1
France	
Belgium	
Russia	. 1
Portugal	. 1
Italy	
Poland	1
Denmark	1
Australia	
Sweden	
Spain	
Greece	

Cape Verde Islands 1

Wales .....

Unknown.

1-18

### CEMETERIES

Oak Grove
North Burial Ground 8
St. John's 1
St. Mary's
Notre Dame
Nwoo Hill
Agedas Aham 1
Our Lady of Light
St. Mary's Polish 0
Sent away for interment15
Brought here for interment
SEX
17.1
Male 53

	COLOR	
White		104
Colored.		4

### CONDITION

CONDITION		
Married		37
Single		44
Widowed		
Divorced		. 0
Unknown		-0
C 111110 11 11		_

Scarlet Fever	.1.
Typhoid Fever	1
Tuberculosis of Lungs	2
Tuberculosis, other forms	
Whooping Cough	
Measles	1
Ophthalmia Neonatorum	
Suppurative Conjunctivitis	
Chicken Poy	2
Chicken Pox Anterior Poliomyelitis	- 60
Cerebro-Spinal Meningitis	
Pneumonia, Lobar	
Influenza	
Septic Sore Throat	
Mumps	
German Measles	
Lethargica Encephalitiis	

Tetanus .....

Gonnorrhea....

Syphilis .....

Estimating the population at 128,487, 108 deaths would give an annual death rate of 10.09 in 1,000. This is 23 less than last month and 1 less than the same month in 1922.

Non-residents.....7.

FRANK L. LARKIN, Secretary.



OF THE

# BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS. SAMUEL B. MORRISS, AGENT.

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HEALTH DEPARTMENTS PLEASE EXCHANGE.

VOLUME IX

AUGUST 1923

NUMBER 8

# Diphtheria Prevention

During the last school year an attempt was made by the Board of Health to protect the school children (both Public and Parochial) of the community from Diph-Public and Parochial) of the community from Diphtheria, which was then prevalent, by Schick testing them and immunizing with Diphtheria toxin-antitoxin all who were found to be susceptible to the disease. Through the co-operation of the School Department and those in charge of the Parochial Schools, each child in the first eight grades was given a blank certificate to take home. If this was returned filled out and signed by the parent or guardian of the child, it would give authority to the Board of Health to perform the Schick test and, if the result showed that the child was susceptible, to immunize him. These forms stated that although the Board of Health was ready to both Schick test the child and immunize it, if the reaction should prove positive, that it would prefer that the family physician do both the testing and immunizing.

By far the greater number of parents were willing to co-operate with the Board of Health in safeguarding not only the health of their children but also the public health, by readily returning the certificate with their consent, and plans were made to carry on the work. But before it was fairly begun, adverse propaganda was started by anti-vacinationists and others, and although the Board of Health and many of our physicians used every means possible to combat this propaganda, it re-sulted in many cases in the authority being withdrawn. The physicians of the Department were exceptionally careful to see that all who were tested and immunized were provided with the authorization certificate. In quite a few cases, although children had authorization certificates, testing or immunizing was not done, as they claimed that their parents objected. However, every school in the city was visited and 3,102 children were Schick tested. Of this number, in 678 cases the result was positive, 551 of the children had a combined positive was positive, 551 of the children had a combined positive and pseudo reaction, 69 gave a pseudo reaction, and 2,299 were negative. While the Schick testing was being performed the adverse propaganda was continued, and not only did many who had either a positive or a positive combined reaction refuse to take advantage of the protection afforded through immunization with toxin-antitoxin, but some who had received the first and second inoculations refused to continue treatment.

With the reopening of schools next month, it is planned to follow up the work started last year by offering the Schick test to all children who enter school for the first time, and also to offer inoculation with toxin-antitoxin to all those who react positively, as well as those who were positive last year, who either failed to start, or complete the immunization.

## Efficiency Chart

A good car and skilful driver are essential for a good automobile trip.

A healthy body and a pure soul are essential for a good life journey.

Your body is the automobile for your soul.

Life is a journey of body and soul.

An automobile must have care—so must your body. Compare them and note the similarity.

The Automobile Good gas......Good food Clean spark plugs...... Clean teeth Clear headlights..... Good eyes Tuning and adjusting....Outdoor exercise Full air pressure...... Good posture
No carbon....... No constipation Keep clean and oiled ..... Frequent baths and plenty of sleep Good mixture......Balanced ration—vegetables, fruits, etc. Don't choke engine..... Chew food thoroughly Strong steering gears.....Strong will power Humming motor.....Cheerfulness Keep radiator filled...... Drink plenty of water Good brakes..... Self control and self reliance A hot spark......Ambition

Good bearings......Perseverance and courage Good lubrication..........Fair play and tolerance Strong axles and frame....Stamina

Well balanced mechanism. . Even temper Good hill climber ..... Hard worker

The horn does not increase the power and is disagreeable to others..... Don't boast

A tiny speck in the current breaker can kill the A tiny germ may cause fatal engine..... illness

A skilful and careful driver will avoid all A strong character will be dangers and complete master of his body and dehis journey safe and liver his soul undefiled at sound..... the end of life's journey. The Indiana State Board of Health,

# MORTALITY FOR THE MONTH OF JULY, 1923

	-Endemic or Infectious Diseases.		H	General Diseases Not Included		111	.—D
			12	Above.  Cancer or other malignant tumors		70	En
1	Typhoid fever (abdominal typhoid and para-typhoid)		73	of the buccal cavity  0. Cancer of the lip		71	Me
	0. Typhoid fever			0. Cancer of the lip			
2	1. Paratyphoid fevers			2. Cancer of the mouth		70	70
3	Relapsing fever (spirillum obermei-			3. Cancer of the jaw		72	Pro
	eri)	4	44	4. Others Cancer or other malignant tumors		73	Otl
4 5	Malarial fever or cachexia			of the stomach and liver			
	0. Malarial fever			1. Cancer of the esophagus	1	1	
6	Smallpox			O. Cancer of the pharynx Leancer of the esophagus Cancer of the stomach Cancer of the liver and gall	1		
7	Measles			bladder	2		
8	Scarlet fever	.   4	45	bladder	_		
10	Dinhtheria			of the peritoneum, intestines and rectum		74	Cer
11	Influenza			0. Cancer of the mesentery and			
	0. Pneumonia			peritoneum			
	2. Heart diseases			cept rectum)	3	75	Pa
	3. Nephritis			2. Cancer of the rectum and annus			
	4. Meningitis			3. Others		76 77	Gen Oth
	6. Puerperal	1 4	46	Cancer or other malignant tumors of the female genital organs		78	Epi
12	7. Others			0. Cancer of the ovary and		79	Con
13	Mumps			fallopian tubes	1	80	Inf
14 15	Asiatic cholera			2. Cancer of the vagina and		81	Che
13	teritis)			vulva		01	CIII
16	Dysentery	4	47	Cancer or other malignant tumors			
	1. Bacillary	1 4	48	of the breast	3	82	
	2. Unspecified or due to other causes			of the skin		83	
17	Plague	4	49	of other or unspecified organs		84	Dis
	0 Rubonic			0. Cancer of the larynx			a
	1. Pneumonio			1. Cancer of the lung and pleura			ti
	3. Unspecified			2. Cancer of the pancreas			
18	Yellow fever			3. Cancer of the kidneys and suprarenals			
19 20	Icterohemorrhagica spirochetosis.			4. Cancer of the prostate			
21	Erysipelas			5. Cancer of the bladder 6. Cancer of the brain			
22 23	Acute poliomyelitis  Encephalitis lethargica  Epidemic cerebro-spinal meningitis. 1			7. Cancer of the bones (except		85	Dis
24	Epidemic cerebro-spinal meningitis 1			jaw)			a
25	Other epidemic diseases  0 Varicella			9. Others Benign tumors and tumors not re-			**
	1. Rubella	5	50	Benign tumors and tumors not re-		137	D.
26	Purulent or septicemic infection			turned as malignant (except be- nign or non-specified tumors of			— <b>Di</b> Pei
27	Glanders and farcy			the ovary and uterus—136, 138)	1	87	Act
85 29	Malignant pustule (anthrax)			1. Tumor of thorax	7		
ąΰ	Tetanus Mycoses	1		nign or non-specified tumors of the ovary and uterus—136, 138).  0. Tumor of the brain  1. Tumor of tiborax  2. Tumor of abdomen  3. Tumor of bladder  4. Tumor of prostate  5. Tumor of other location  Acute febrile articular rheumatism		88	Ang
31 32	Tuberculosis of the respiratory sys-			4. Tumor of prostate		89	Oth
0.0	tem	5	51	Acute febrile articular rheumatism	2		
33	the central nervous system 2	5	52	Chronic rheumatism or gout			
34	the central nervous system 2 Tuberculosis of the intestines or			0. Chronic rheumatism 1. Chronic gout		90	An
35	peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints		53	Scurvy		91	Ath a
36 37	Tuberculosis of the joints  Tuberculosis of other organs and		54 5 <b>5</b>	Pellagra Beri-beri		92	Em
37	structures		56	Richets	9	93	Dis
	0. Tuberculosis of the skin or subcutaneous cellular tissue	5	58	Anemia, Chlorosis	٥		h
	1. Tuberculosis of the bones				2	84	Dis ()
	(except vertebral column). 1 2. Tuberculosis of the lym-		59	Diseases of the pituitary gland	T	95	Hei
	phatic system (except the	6	60	Diseases of the thyroid gland	7		Ci Ci
	mesenteric and retroper- itoneal glands)			1. Other anemias and chlorosis Diseases of the pituitary gland Diseases of the thyroid gland 0. Exophthalmic goitre 1. Other diseases of the thyroid gland. Diseases of the parathyroid gland	1		-Dis
	3. Tuberculosis of the genito-		51	rold gland		96	Dis
	urinary system	6.	36	Discases of the thymnes			,
38	Disseminated tuberculosis  0. Acute (including miliary tu-	6	53	Addison's disease (disease of the adrenals)		97	Dis
	herculosis of the lungs, ex-	6	64	Diseases of the spleen			tı
	cept that specified as	6	35	Leukemia and Hodgkin's disease	1	98	Bro
	chronic or pulmonary)  1. Chronic			0. Leukemia 1. Hodgkin's disease	1		
39	Syphilis (includes syphilic infection		66 67	Alcoholism (acute or chronic) Chronic poisoning by mineral sub-			
	of any organ, tissue or structure of the body)			stances			
				0. Chronic lead poisoning 1. Others	1	20	Bro
	1. Secondary	6	8	Chronic poisoning by organic sub-		50	ill
	1. Secondary 2. Tertiary 3. Hereditary 4. Period not specified	61		Other general diseases			
4.0	4. Period not specified	0		0. Acidosis		100	Pne
40	statistics only)			Acidosis     Amyloid degenerations     Autointoxications     Hemophilia     Purpura hemorrhagica			
41	Gonococcal infection except that of			3. Hemophilia		101	Ple
42	the eye or adnexa			4. Purpura hemorrhagica 5. Others			

111	Diseases of the Nervous Syste and Organs of Special Sense.	em
70 <b>71</b>	Encephalitis Meningitis	1
	1. Non-epidemic cerebro - spin- al meningitis	
72	Progressive locomotor ataxia (tabes	
73	Meningitis  0. Simple 1. Non-epidemic cerebro-spinal meningitis  Progressive locomotor ataxia (tabes dorsalis) Other diseases of the spinal cord 0. Bulbar paralysis (Duchenne's disease) 1. Paralysis agitans (Parkinson's disease) 2. Acute ascending spinal paralysis	
	1. Paralysis agitans (Parkinson's disease)	
	Acute ascending spinal par- alysis (Landry's disease).     Myelitis	
74	4. Others	
12	O. Cerebral hemorrhage, apoptexy Cerebral hemorrhage Cerebral thrombosis and embolism  Paralysis (without specified cause) O. Hemiplegia Cother forms of paralysis General paralysis (of the insane) Other forms of moral elimetter.	9
75	Paralysis (without specified cause)	
76	1. Other forms of paralysis	
77	General paralysis (of the insane). Other forms of mental alienation. Epilepsy Convulsions (non - puerperal) (5 years and over) Infantile convulsions (under five years of age). Chorea  1. Hysteria and neuralgia 2. Neuritis Softening of the brain Other diseases of the nervous system	
78 79	Epilepsy	
	years and over)	
80	years of age)	1
81	Chorea	
	1. Hysteria and neuralgia	
82	Softening of the brain	
83	Other diseases of the nervous system	
84	tem Diseases of the organs of vision and adnexa except gonococcal infec- tion, No. 42  0. Diseases of the eye (except tumor) 1. Follicular conjunctivitis 2. Trachoma	
	0. Diseases of the eve (except	
	tumor)	
	2. Trachoma	
	4. Other discourse of the arra on	
85	its adnexa	
00	Diseases of the organs of hearing and the mastoid process  0. Diseases of the ear.  1. Diseases of the mastoid process	
	0. Diseases of the ear	
IV.		m
86 <b>87</b>	Pericarditis Acute endocarditis and myocarditis	
	0. Acute endocarditis	1
88	Angina pectoris	-
89	0. Chronic endocarditis	1
	Angina pectoris Other diseases of the heart O. Chronic endocarditis L. Chronic myocarditis Other chronic diseases of	2
	the heart	6
90 91	Atheroma and other diseases of the	
92	Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except	2
	cerebral)	
93	hemorrhoids, phlebitis, etc.)	
94	Olseases of the lymphatic system (lymphangitis, etc.)	
95	Embolism and thrombosis (except cerebral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system (lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the circulatory system	
V	Diseases of the Respiratory System  Diseases of the nasal fossae and	33.
96	Diseases of the nasal fossae and	
	0. Diseases of the nasal fossae	
97	their adnexa  0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer	
98		
	2. Not otherwise defined under 5 years of age 3. Not otherwise defined, 5 years and over Broncho pneumonia (including capillary bronchitis) 0. Broncho pneumonia 1. Capillary bronchitis Pneumonia 0. Lobar 1. Not otherwise specified Pleurisy	
99	Broncho pneumonia (including cap-	
	0. Broncho pneumonia	2
100	1. Capillary bronchitis	-
100	0. Lobar	4
101	Pleurisy  O. Pleurisy	
	0. Pleurisy 1. Empyema of thoracic cavity	

ements vill to	The second secon	A did find the second of the s	
102	Congestion or parenchymatous hem-	2. Other accidents of pres-	2. Carbolie acid
193	orrhage of the lung	nancy	3. Cocaine
104	Asthma	145 Other accidents of childbirth	5. Onium (morphina)
105	Asthma	0. Cesarian section	b. wood alcohol
106	system (tuberculosis excepted)	1. Other surgical operations and instrumental delivery.	8. Not specified or unknown
	0. Chronic interstitial pneumo-	2. Others	1/8 Confiagration
	nia (including occupational diseases of the lung)	147 Phlegmasia alba dolens, puerperal	179 Accidental burns and scalds (con- flagration excepted)
	1. Diseases of the mediasti-	embolism or sudden puerperal	v. Stoves
	2. Others	148 Puerperal albuminuria or convul-	1. Lamps 2. Steam
377	-Diseases of the Digestive System.	Sions	3. Hot fluids
		149 Childbirth (without other explana-	4. Matches
15/	Diseases of the mouth and adnexa.  0. Diseases of the teeth and	150 Puerperal diseases of the breast.	6. Others
	gums	ik Discreses of the Skin or Cellular	7. Unknown
	1. Other diseases of the buccal cavity and adnexa	Tissue.	0. Foreign body in larynx
100	Diseases of the pharynx and tonsils		1. Overlying
	(includes adenoids)	151 Gangrene	181 Accidental absorption of irrespir-
	1. Ludwig's angina	153 Phlermon, acute abscess	able or poisonous gas 0. Illuminating gas
	2. Tonsilitis	154a Tinea and alopecia (morbidity	1. Chloroform or ether
400	4. Others	only) 154b Pruritis (morbidity only)	2. Coal gas
109 110	Diseases of the esophagus	155 Other diseases of the skin and its adnexa	4. Sewer gas
	num 0. Ulcer of the stomach		5. Other gases
	1. Ulcer of the duodenum	X.—Diseases of the Dones and Organs	182 Accidental drowning
111	Other diseases of the stomach (can-	of Locomotion.	0. Rivers, ponds, etc
	o. Indigestion 2	156 Diseases of the bones (tubercu-	l 163 Accidental injury by nrearms
	1. Gastritis 1	losis excepted) 157 Discases of the joints (tuberculosis and rheumatism excepted).	(wounds of war excepted)  184 Accidental injury by cutting or
	2. Stricture or stenosis of py- lorus	losis and rheumatism excepted)	piercing instruments
440	3. Others	158 Other diseases of the bones or or-	185 Accidental injury by falls  0. Down shafts, hatchways.
112	Diarrhea and enteritis (under 2 years of age) 5		holds of vessels
113	Diarrhea and enteritis (2 years and	XI.—Malformations.	2. From buildings
114	Ankylostomiasis	159 Congenital malformations (still- births excepted)	3. From fire-escapes 4. From seaffolds
115	Diseases due to other intestinal	0. Hydrocephalus	5. From windows
	parasites	1. Malformations of the heart 1 2. Others 3	6. From vehicles
	liver excepted)	XIIDiseases of Early Infancy.	9. Other falls
	2. Nematodes (other than an-		186 Accidental traumatism in mines and quarries
	kylostoma)	160 Congenital debility, icterus and	0. In mines
	4. Other parasites	0. Marasmus	187 Accidental traumatism by machines
116	Appendicitis and typhlitis 2	1. Inamition	0. Deaths by machinery 1. Deaths by elevators
117	Hernia, intestinal obstruction 3	3. Scierema	188 Accidental traumatism by other
	1. Intenstinal obstruction	161 Premature birth, or consequence of	crushing (vehicles, railways, landslides, etc.)
118	Other diseases of the intestines  O. Diseases of the anus and	labor 8	v. Run over by wagons, trucks,
	stercoral fistulae	1. Injury at birth	etc. 1. Run over by automobiles
	tines	162 (other diseases peculiar to early in- ancy	2. Run over by other vehicles 3. Run over by electric surface
119 120	Acute yellow atrophy of the liver Hydatid tumor of the liver	1. Alelectasis	cars
121	Cirrhosis of the liver	2. Umbilical infection	4. Run over by steam railroad cars
	0. Returned as alcoholic 1 1. Not returned as alcoholic	3. Umbilical hemorrhage 4. Others	b. Run over by elevated rail-
122	Other diseases of the liver	163 Lack of care	road cars
	Diseases of the pancreas except	XIII.—Old Age.	7. Crushed by falling bodies 8. Crushed by derricks, stones,
125	Peritonitis of unstated cause	164 Old age (senility)	etc
	Other diseases of the digestive	XIVExternal Causes.	9. Other causes
	system (cancer and tuberculosis excepted)	165 Suicide by solid or liquid poisons	190 Wounds received in war
VII	Non-Venereal Diseases of the	(corrosive substances excepted) 0. Opium, morphine	191 Executions of civilians by bellig- erent armies
7 2 2	Genito-Urinary System and	1. Strychnine	192a Excessive labor 192b Starvation (deprivation of food or
	its Adnexa.	2. Chloroform (ether) 3. Others	water)
127	Acute nephritis (including unspeci-	1 166 Suicide by corrosive substances	194 Excessive heat
	fied under 10 years of age)	0. Assenic (paris green) 1. Biehloride of mercury	195 Lightning
123	Chronic nephritis (including unspecified over 10 years of age 7	2. Carbolic acid	197 Homicide by firearms
129 130	Chyluria	4. Oxalic acid	198 Homicide by cutting or piercing instruments
130	their adnexa (diseases of the	5. Muriatic acid (hydrochloric acid)	struments  199 Homicide by other means
131	kidney in pregnancy excluded) 1 Calculi of the urinary passages	6. Other corrosive poisons	200 Infanticide (murder of infants less than 1 year of age)
132	Diseases of the bladder (except	167 Suicide by polyonous gas 0. Illuminating gas	201 Fracture (cause not specified)
133	tumors) Diseases of the urethra, urinary	1. Chloroform	orains
	abcess, etc	3. Others	fied)
	1. Others	168 Suicide by hanging or strangulation 1 169 Suicide by drowning	202 Other external violence  0. Criminal abortion
134	Diseases of the prostate (except tumors)	0. Rivers, etc	1. Explosions
135	Non-venereal diseases of the male	1. Others 1	2. Salvarsan injection 3. Other medicaments (injec-
136	Cysts and other benign tumors of	171 Suicide by cutting or piereing in-	tion)
	the ovary	172 Suicide by jumping from high	4. Other external violence 203 Violent deaths of which the cause
137 138	Benign tumors of the uterus 1	places 173 Suicide by crushing	is unknown
139 140	Non-puerperal uterine hemorrhage. Metritis	174 Other suicides	XVIll-Defined Diseases.
141	Other diseases of the female genital	U. Mushrooms	
142	Non-puerperal diseases of the	1. Shell fish 2. Pork sausages	204 Sudden death
	breast (cancer excepted)	3. Others	defined
	VIII.—The Puerperal State.	176 Poisoning by venomous animals 177 Other acute accidental poisonings	1 No disease: malingering
143	Accidents of pregnancy	(gases excepted)	2. Surgical operation
	0. Abortion	1. Bichloride of mercury	TOTAL 130

### CONTAGIOUS HOSPITAL REPORT FOR JULY, 1923

	Diphtheria and Measles Cerebro-Spinal	Chicken Pox Septic Sore Throat	Measles and Diphtheria Scarlet Fever	Tonsilitis Diphtheria and Ophthalmia Neonatorum Preumonia (Lobar)	Acute Meningitis Mumps	Typhoid Fever	Whooping Cough & Measles Influenza Pneumonia Scarlet Fever and Diphtheria	Scabies	Total
Patients admitted Termination { Recovery Death		4 2	1 5		1 1				6 7 1

DEATHS BY AGES		
Total	Males	Females
Under 1 day 5	3	2
1-2 days 3	2	1
2-3 days 1	0	1
3 days-1 week 1	0	1
1-2 weeks 1	0	1
2-3 weeks 0	0	0
3 weeks-1 month 0	0	0
1-2 months 3	2	1
2-3 months 1	0	1
3-6 months 1	0	1
6-9 months 3	1	2
9-12 months 1	0	1
1 year 6	3	3
2 years 4	2	2
3 years 2	0	2
4 years 2	0	2
5-9 years 5	5	0
10-14 years 1	1	0
15-19 years 3	2	1
20-24 years 1	1	0
25-29 years 4	2	2
30-34 years 2	1	1
35-39 years 7	3	4
40-14 years 8	3	5
45-49 years 5	-1	1
50-54 years	7	6
55-59 years 16	10	6
60-64 years 9	2	7
65-69 years 8	2	6
70-74 years 10	4	6
75-79 years 3	1	2
80-84 years 0	0	0
85-89 years 1	1	0
90-94 years 0	0	0
95-99 years 0	0	0
100 + 0	0	0
Unknown 0	0	0
Total130	62	68

	DEATHS BY WARDS	
1		19
2		14
3		11
4		13
_		
_		
		•
8		
9		13

HOSPITALS	
City Hospital	15
Union Hospital	
St. Anne's Hospital	5
Bay View Hospital	6
Truesdale Hospital	3
Contagious Hospital	1
City Home	4
Home for Aged	0
STILL BIRTHS	
Males	
Females	6
Unknown	
Total	14
NATIVITY	
Fall River	55
Massachusetts	8
Other States	10
Ireland	11
Canada	17
England	13
Scotland	1
Germany	
Azores	8
Austria	
France	*** ********
Belgium	
Russia	1
Portugal	
Italy	
Poland	4
Denmark	
Australia	
Sweden	
Sweden Spain	
Spain	••••••
SpainGreeceBrazil	
SpainGreece	
Spain Greece Brazil Cape Verde Islands	

CEMETERIES         Oak Grove       25         North Burial Ground       6         St. John's       1         St. Mary's       2         St. Patrick's       27         Notre Dame       54         Nwoo Hill       2         Agedas Aham       0         Our Lady of Light       1
St. Mary's Polish 0 Sent away for interment 12 Brought here for interment 27 SEX
Male
COLOR White
CONDITION           Married         .57           Single         .57           Widowea         .16           Divorced         .0           Unknown         .0
There were 86 cases of contagious diseases reported for July, viz:  Diphtheria 9 Scarlet Fever 9 Typhoid Fever 14 Tuberculosis of Lungs 14 Tuberculosis, other forms 3 Whooping Cough 6 Measles 3 Ophthalmia Neonatorum 20 Suppurative Conjunctivitis 1 Chicken Pox 10 Anterior Poliomyelitis 1 Pneumonia, Lobar 5 Influenza 5 Influenza 5 Influenza 5 Septic Sore Throat 16 Mumps 6 German Measles 17 Cetanus 17 Gonnorrhea 2 Syphilis 2

The following is the number of contagious diseases reported in each ward: 2--13 3--7 4--11 5--5 6--16 7--2 8--10 9--11

Estimating the population at 130,043, 130 deaths would give an annual death rate of 11.99 in 1,000 This is 22 more than last month and 3 less than the same month in 1922.

Non-resident deaths.....7.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

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# MONTHLY BULLETIN

- OF THE-

# BOARD OF HEALTH

CITY OF FALL RIVER

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SAMUEL B. MORRISS, AGENT.

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**VOLUME IX** 

SEPTEMBER 1923

NUMBER 9

### STANDARDS OF HEIGHT AND WEIGHT

For some time past the United States Public Health Service has doubted the accuracy of the standards of height and weight generally used in determining malnutrition of children. In order to check up these figures and establish new standards, the Service is sending out three units, one to work in representative cities on the Atlantic Coast, one on the Pacific Coast and a third among the Central States. Each unit will consist of an officer of the United States Public Health Service and a trained nurse and will have the necessary equipment to carry on its work. Surgeon Taliafero Clark, Medical Officer in Charge, Field Investigation in Child Hygiene, will have supervision of the work.

In July, Dr. Charles W. Milliken, State District Health Officer of the Massachusetts Department of Public Health conferred with Samuel B. Morriss, Agent of the Board of Health in reference to the proposed investigation. As Fall River was one of the Massachusetts cities suggested by the United States Public Health Service, the State Commissioner of Health had directed Dr. Milliken to interview Agent Morriss to learn if the local authorities would cooperate. The Agent assured Dr. Milliken that the Health Department would assist in every way possible and offered to get in touch with the Superintendent of Public Schools, to secure the formal

approval and assurance of cooperation of the School Department. This he felt sure would be readily offered as at all times the School Department had been most cordial in cooperating with the Health Department is similar matters. Favorable action was taken upon this matter by the School Committee at its August meeting.

As a result of Dr. Milliken's report which was transmitted to the United States Public Health Service by the State Commissioner of Public Health, Fall River was selected as the Massachusetts city for this study. The Atlantic unit is now working in Portland, Maine, and it is expected that it will reach this city some time next month. The study will be confined to normal or nearly normal children of both sexes in the first eight grades. One hundred boys and a similar number of girls in each grade will be selected and weighed and measured. Only children who are normal, or nearly so, and whose parents and grandparents are native born will be selected for the present study.

Arrangements have been made so that the Medical Inspectors of Schools and School Nurses will lend every assistance possible to the Public Health Service in making this study.

## SCARLET FEVER CAUSES

Scarlet Fever has been exceedingly light lately, both in numbers and in virulency. Whether for this reason or for other causes we do not know, but the question of scarlet fever infection has been more persistently debated, especially "What causes scarlet fever?"

Our epidemiological inspectors have been repeat-

Our epidemiological inspectors have been repeatedly told that "desquamation has nothing to do with the infection of scarlet fever," when they refused to remove quarantine, if the patient was still peeling like a new potato; that their doctor told them that "scarlet fever was spread by droplet infection, and not by desquamation."

Several of these doctors with this new propaganda were visited by our medical inspectors and asked if they would "let their children sit alongside of a scarlet fever patient who was still peeling and who had been permitted to attend school by their order," each one emphatically replied, "Not by a good deal!"

Our inspectors replied, "Then you are hypocrites!"

We have spoken about this question in the Bulletin before, and repeat: We do not know what causes scarlet fever infection, whether it be desquamation or droplet infection or both, and in certain instances it may not be either; but we do know (and this has repeatedly

been proven many times for years past), that when we find an outbreak of scarlet fever in school and trace it to a pupil who is desquamating, and we eliminate that pupil, we immediately bring such scarlet fever outbreak to an abrupt end.

It is well known that scarlet fever leaves certain persons with discharging nose or ears, which in spite of all efforts continue to discharge for the remainder of their lives. No one would think of quarantining such people as a scarlet fever menace; but, when desquamation following scarlet fever ceases, we know that all danger from this disease is at an end.

BUFFALO SANITARY BULLETIN.

We respectfuly refer the above to the critics of the policy of this Board in quarantining cases of Scarlet Fever until desquamation has ceased. This department has maintained that while the patient is peeling that there is danger of infection and has been criticized severely for this stand. Fortunately only a very few physicians are amongst the critics. We wonder, if they were questioned as were Buffalo physicians, with like ideas, if their answers would be any different.

# MORTALITY FOR THE MONTH OF AUGUST, 1923

INTERNATIONAL LIST OF CAUSES OF DEATH, AS ADOPTED AT THE THIRD INTERNATIONAL CONGRESS FOR THE REVISION OF THE CLASSIFICATION OF CAUSES OF DEATH, HELD AT PARIS, OCTOBER, 1920.

Ĩ.	-Endemic or Infectious Diseases.	
1	Typhoid fever (abdominal typhoid	
	and para-typhold)	
2	1. Paratyphoid fevers Typhus fever (exanthematous) Relapsing fever (spirillum obermel-	
4	Melito—coccosis (Malta fever) Malarial fever or cachexia  0. Malarial fever 1. Malarial cachexia Smallpox Measles Scoulet fever	
5	Malarial fever or cachexia	
6	1. Malarial cachexia	
6 7 8	Measles Scarlet fever	1
10	Whooping cough Uphtheria Influenza	2
11		
	0. Pneumonia	
	3. Nephritis	
	1. Bronchitis 2. Heart diseases 3. Nephritis 4. Meningitis 5. Gastro intestinal 6. Puerperal 7. Others	
12	7. Others	
13 14	Mumps Asiatic cholera	
15	Cholera nostras (choleriform enteritis)	
16	Dysentery	
	Miliary fever Mumps Asiatic cholera Cholera nostras (choleriform enteritis) Dysentery  0. Amebic 1. Bacillary 2. Unspecified or due to other causes	
17	Liague	
	0. Bubonic	
10	2. Septicemia	
18 19 20	Icterohemorrhagica spirochetosis	
21 22	Erysipelas	2
23	Encephalitis lethargica Epidemic cerebro-spinal meningitis.	
25	Xellow fever Icterohemorrhagica spirochetosis. Leprosy Erysipelas Acute poliomyelitis Encephalitis lethargica Epidemic cerebro-spinal meningitis. Other epidemic diseases 0. Varicella 1. Rubella	
	2. Septic Sore Throat	
26 27	Purulent or septicemic infection Glanders and farcy. Malignant pustule (anthrax) Rabies	3
28	Rabies	1
30 31 32	Tetanus Mycoses Tuberculosis of the respiratory sys-	1
33	Tuberculosis of the meninges or of the central nervous system	5
34	the central nervous system Tuberculosis of the intestines or	
35	Tuberculosis of the intestines or peritoneum	
36 37	Tuberculosis of other organs and	
	o. Tuberculosis of the skin or	
	subcutaneous cellular tissue  1. Tuberculosis of the bones (except vertebral column).	
	2. Tuberculosis of the lym-	
	mesenteric and retroper- itoneal glands)	
3-8	4. Tuberculosis of other organs Disseminated tuberculosis	
	0. Acute (including miliary tu- berculosis of the lungs, ex- cept that specified as	
	chronic or pulmonary)  1. Chronic	1
39	Syphilis (includes syphilic infection	
	Syphilis (includes syphilic infection of any organ, tissue or structure of the body)	
	1. Secondary	
	3. Hereditary  N. Period not specified	1
40	Soft chancre (used for morbidity statistics only)  Gonococcal infection except that of	
41	Gonococcal infection except that of the eye or adnexa	
42	the eye or adnexa	

ON	of Causes of Death, Held at	PA
1	I.—General Diseases Not Included Above.	
43		
	of the buccal cavity	
	1. Cancer of the tongue	
	2. Cancer of the mouth	
4.4	4. Others	
44	Cancer or other malignant tumors of the stomach and liver	
	of the stomach and liver  O. Cancer of the pharynx  Cancer of the stomach  Cancer of the stomach  Cancer of the liver and gall bladder	1
	2. Cancer of the stomach	6
	3. Cancer of the liver and gall bladder	1
45	Cancer or other malignant tumors	
	Cancer or other malignant tumors of the peritoneum, intestines and rectum  O. Cancer of the mesentery and peritoneum  Cancer of the intestines (except rectum)  Cancer of the rectum and annus  Others	
	0. Cancer of the mesentery and peritoneum	
	1. Cancer of the intestines (ex-	1
	2. Cancer of the rectum and	1
	annus	
46	annus 3. Others Cancer or other malignant tumors of the female genital organs 0. Cancer of the ovary and fallopian tubes 1. Cancer of the uterus 2. Cancer of the vagina and vulva	
	of the female genital organs  0. Cancer of the ovary and	
	fallopian tubes	1
	2. Cancer of the uterus 2. Cancer of the vagina and	1
	vulva 3. Others Cancer or other malignant tumors of the breast Cancer or other malignant tumors of the skin Cancer or other malignant tumors of other or unspecified organs 0. Cancer of the larynx. 1. Cancer of the lung and	
47	Cancer or other malignant tumors	
48	of the breast	3
	of the skin	
49	of other or unspecified organs	
	0. Cancer of the larynx	1
	produce interest in the contract of the contra	
	2. Cancer of the pancreas 3. Cancer of the kidneys and	
	suprarenals	
	5. Cancer of the bladder	
	7 Cancer of the hones (except	
	jaw)	
	8. Cancer of the testes 9. Others	
50	9. Others  Benign tumors and tumors not returned as malignant (except be-	
	turned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138).  0. Tumor of the brain 1. Tumor of thorax 2. Tumor of abdomen. 3. Tumor of bladder 4. Tumor of prostate. 5. Tumor of other location. Acute febrile articular rheumatism Chronic rheumatism or gout 0. Chronic rheumatism 1. Chronic gout Scurvy	
	0. Tumor of the brain	
	1. Tumor of thorax	
	3. Tumor of bladder	
	5. Tumor of other location	
51 52	Acute febrile articular rheumatism	1
UL	0. Chronic rheumatism	
53	Seurvy	
54	Pellagra	
55 56	Beri-beri	2
<b>57</b> 58	Diabetes Anemia, Chlorosis	2
	0. Pernicious anemia	
59	1. Other anemias and chlorosis Diseases of the pituitary gland Diseases of the thyroid gland	
60	0 Evanhthelmic gaitre	
	1. Other diseases of the thyroid gland Diseases of the parathyroid gland. Diseases of the thymus	
61	Diseases of the parathyroid gland	
62 63	Diseases of the thymus	
	adrenals)	
64 65	Diseases of the spleenLeukemia and Hodgkin's disease.	
	0. Leukemia	
66	Alcoholism (scute or chronic)	
67	Chronic poisoning by mineral sub-	
	0. Chronic lead poisoning	
68	Chronic poisoning by organic sub-	
69	stances 0. Chronic lead poisoning. 1. Others Chronic poisoning by organic substances Other general diseases.	
0.5		
	z. Autointoxications	
	3. Hemophilia	
	4. Purpura hemorrhagica 5. Others	

111	.—Diseases of the Nervous Syste and Organs of Special Sense.	m
70	TD	
71	Meningitis 0. Simple	
	1. Non-epidemic cerebro - spin-	
72	Progressive locomotor ataxia (tabes	
73	Meningitis  0. Simple 1. Non-epidemic cerebro-spinal meningitis Progressive locomotor ataxia (tabes dorsalis) Other diseases of the spinal cord. 0. Bulbar paralysis (Duchenne's disease) 1. Paralysis agitans (Parkinson's disease) 2. Acute ascending spinal paralysis	
	0. Bulbar paralysis (Duchen- ne's disease)	
	1. Paralysis agitans (Parkin- son's disease)	
	2. Acute ascending spinal paralysis (Landry's disease)	
	a. Myenns	
74	T. Others	
	O. Cerebral hemorrhage, apoplexy  O. Cerebral hemorrhage  1. Cerebral thrombosis and embolism  Paralysis (without specified cause)  O. Hemiplegia  1. Other forms of paralysis.  General paralysis (of the insane).  Other forms of mental alleration	8
75	Paralysis (without specified cause)	
	0. Hemiplegia	
76 77	General paralysis (of the insane)	
78	Epilepsy	
79	Convulsions (non - puerperal) (5	
80	General paralysis (of the insane). Other forms of mental alienation. Epilepsy Convulsions (non - puerperal) (5 years and over) Infantile convulsions (under five years of age). Chorea  1. Hysteria and neuralgia	
81	Chorea	1
	1. Hysteria and neuralgia	
82	1. Hysteria and neuralgia 2. Neuritis Softening of the brain Other diseases of the nervous sys-	
83	Other diseases of the nervous sys-	
84	Diseases of the organs of vision and	
	adnexa except gonococcal infec- tion, No. 42	
	0. Diseases of the eye (except	
	adnexa except gonococcal infection, No. 42  0. Diseases of the eye (except tumor)  1. Follicular conjunctivitis  2. Trachoma	
	3. Tumors of the eye	
	2. Trachoma 2. Trumors of the eye 4. Other diseases of the eye or its adnexa Diseases of the organs of hearing and the mastoid process 0. Diseases of the ear 1. Diseases of the mastoid process	
85	Diseases of the organs of hearing and the mastoid process	
	0. Diseases of the ear	
	process	
	-Diseases of the Circulatory Syste	m
86 87	Pericarditis Acute endocarditis and myocarditis	
	0. Acute endocarditis	1
88	Angina pectoris	3
lu a	0. Chronic endocarditis	5
	O. Acute endocarditis and myocardits  1. Acute myocarditis  Angina pectoris Other diseases of the heart O. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart	3
90	the heart	
91	Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except	4
92	Embolism and thrombosis (except	
93	cerebral)	
94	The state of the s	
95	Hemorrhage without determined cause; other diseases of the cir-	
	culatory system	
V	Diseases of the Respiratory System Diseases of the nasal fossae and	n.
96	their adnexa	
	0. Diseases of the nasal fossae 1. Others	
97	1. Others Diseases of the larynx (except tuberculosis and cancer	
98	Bronchitis	
	Bronchitis  0. Acute 1. Chronic 2. Not otherwise defined under	1
	2. Not otherwise defined under 5 years of age	
	5 years of age	
99	Broncho pneumonia (including cap- illary bronchitis)	
	0. Broncho pneumonia	7
100		
	1. Not otherwise specified	
101	Pleurisy	
	1. Empyema of thoracic cavity	

102	Congestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolic acid
103	Gangrene of the lung	nancy	3. Cocaine 4. Lysol
104 105	Asthma Emphysema of the lung	145 Other accidents of childbirth  0. Cesarian section	5. Opium (morphine) 6. Wood alcohol
106	Other diseases of the respiratory	Cesarian section     Other surgical operations and instrumental delivery	7. Others
	system (tuberculosis excepted) 0. Chronic interstitial pneumo-	2. Others	178 Conflagration
	nia (including occupational diseases of the lung)	146 Puerperal septicemia	179 Accidental burns and scalds (con- flagration excepted)
	1. Diseases of the mediasti-	embolism or sudden puerperal	U. Stoves
	num 2. Others	death	1. Lamps 2. Steam
VI.	-Diseases of the Digestive System.	sions	3. Hot fluids
	Diseases of the mouth and adnexa.	tion)	5. Bonfires 6. Others
	0. Diseases of the teeth and		7. Unknown
	gums 1. Other diseases of the buccal	lX.—Diseases of the Skin or Cellular	180 Accidental mechanical suffocation  0. Foreign body in larynx
108	cavity and adnexa  Diseases of the pharynx and tonsils	Tissue.	1. Overlying
	(includes adenoids)	151 Gangrene	181 Accidental absorption of irrespir-
	1. Ludwig's angina	153 Phlegmon, acute abscess	able or poisonous gas
	2. Tonsilitis	154a Tinea and alopecia (morbidity only) 154b Pruritis (morbidity only)	1. Chloroform or ether
109	4. Others	154b Pruritis (morbidity only)	3. Ammonia fumes
110	Ulcer of the stomach and duode-	adnexa	4. Sewer gas 5. Other gases
	0. Ulcer of the stomach	X.—Diseases of the Bones and Organs	6. Unknown 182 Accidental drowning
111	1. Ulcer of the duodenum Other diseases of the stomach (can-	of Locomotion.	U. Rivers, ponds, etc
• • • •	cer excepted	156 Diseases of the bones (tubercu-	1. Others 183 Accidental injury by firearms
	0. Indigestion	losis excepted)	(wounds of war excepted)
	2. Stricture or stenosis of py- lorus	losis and rheumatism excepted)	I Diercing instruments
119	3. Others Diarrhea and enteritis (under 2	158 Other diseases of the bones or organs of locomotion	185 Accidental injury by falls  0. Down shafts, hatchways, holds of vessels
	years of age) 10	XI.—Malformations.	holds of vessels
113	Diarrhea and enteritis (2 years and over)	159 Congenital malformations (still-	2. From buildings
	Ankylostomiasis	births excepted)	4. From scaffolds
	parasites	0. Hydrocephalus	5. From windows
	0. Cestodes (hydatids of the liver excepted)	2. Others 1	7. On streets, sidewalks, etc 9. Other falls
	1. Trematodes	XII.—Diseases of Early Infancy.	186 Accidental traumatism in mines and
	kylostoma)	160 Congenital debility, icterus and	quarries
	3. Coccidia	sclerema 0. Marasmus	1. In quarries
116	5. Parasites not specified Appendicitis and typhlitis	1. Inanition	0. Deaths by machinery 1. Deaths by elevators
117	Hernia, intestinal obstruction 2	3. Sclerema	188 Accidental traumatism by other
	1. Intenstinal obstruction 2	161 Premature birth, or consequence of	crushing (vehicles, railways, landslides, etc.)
118	0. Diseases of the anus and	labor 3	0. Run over by wagons, trucks, etc.
	stercoral fistulae	1. Injury at birth 5 162 Other diseases peculiar to early in-	1. Run over by automobiles
440	tines	fancy	2. Run over by other vehicles 3. Run over by electric surface
119 120	Hydatid tumor of the liver	1. Atelectasis 1	4. Run over by steam railroad
121	Cirrhosis of the liver	2. Umbilical infection 3. Umbilical hemorrhage	cars
122	1. Not returned as alcoholic 2	4. Others 1 163 Lack of care	road cars
123	Other diseases of the liver 3		6. Run over by subway cars 7. Crushed by falling bodies
124	Diseases of the pancreas except	XIII.—Old Age.  164 Old age (senility)	8. Crushed by derricks, stones, etc.
125 126	Peritonitis of unstated cause Other diseases of the digestive	XIV.—External Causes.	9. Other causes
	system (cancer and tuberculosis excepted)	165 Suicide by solid or liquid poisons	190 Wounds received in war
371	I.—Non-Venereal Diseases of the	(corrosive substances excepted)	191 Executions of civilians by bellig- erent armies
V 1	Genito-Urinary System and	0. Opium, morphine	erent armies
	its Adnexa.	2. Chloroform (ether) 3. Others	water)
127	Acute nephritis (including unspeci-	166 Suicide by corrosive substances 0. Arsenic (paris green)	1 194 Excessive heat
128	fied under 10 years of age) 1	1. Bichloride of mercury	195 Lightning
	specified over 10 years of age 12	2. Carbolic acid	197 Homicide by firearms
129	Chyluria Other diseases of the kidneys and their adnexa (diseases of the	4. Oxalic acid	struments
	their adnexa (diseases of the kidney in pregnancy excluded)	acid)	199 Homicide by other means 200 Infanticide (murder of infants less
131	Calculi of the urinary passages	167 Suicide by poisonous gas	than 1 year of age)
	Diseases of the bladder (except tumors)	0. Illuminating gas	Dislocations
133	Diseases of the urethra, urinary abcess, etc.	2. Coal gas	Sprains
	0. Stricture of the urethra 1. Others	3. Others 168 Suicide by hanging or strangulation	fled)
134	Diseases of the prostate (except	169 Suicide by drowning	0. Criminal abortion
135	tumors )	1. Others	1. Explosions 2. Salvarsan injection 3. Other medicaments (injection) 4. Other external violence
	genital organs	171 Suicide by cutting or piercing in-	tion)
	the ovary	struments	4. Other external violence 203 Violent deaths of which the cause
137 138	Benign tumors of the uterus 1	places	is unknown
139 140		174 Other suicides	XV.—Ill-Defined Diseases.
141	Other diseases of the female genital	0. Mushrooms	204 Sudden death
142	Non-puerperal diseases of the	1. Shell fish	205 Cause of death not specified or ill-
	breast (cancer excepted)	3. Others	defined
4.10	VIII.—The Puerperal State.	176 Poisoning by venomous animals 177 Other acute accidental poisonings	1. No disease; malingering 2. Surgical operation
143	Accidents of pregnancy  0. Abortion	(gases excepted)	
	1. Ectopic gestation	1. Bichloride of mercury	TOTAL 133

## CONTAGIOUS HOSPITAL REPORT FOR AUGUST, 1923

00112													, 10					
	Diphtheria and Measles	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat Diphtheria	Measles and Diphtheria	Scarlet Fever	Tonsilitis	Diphtheria and Ophthalmia Neonatorum	Pneumonia (Lobar)	Acute Meningitis	Mumps	Typhoid Fever	Whooping Cough & Measles	Influenza Pneumonia	Scarlet Fever and Diphtheria		Scabies	Total
Patients admitted Termination { Recovery Death		1	****	5 5 		3 1 1				****	****	1			****		••••	9 7 1
DEATHS BY AGE	ES							ALS							1ETE			
		88 6)										Oak	Grove	-1.0				25
	"d	ales										St. 1	in Buri John's	iai Gro	ound			7
	Lot	Males										St. I	Mary's			**********		1
Under 1 day		2 5										St. I	Patrick	's				39
1-2 days		2 0										Nwo	re Dan	1e	*************	0.1.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0		47
2-3 days		0 0										Age	das Ah	am				. 1
3 days-1 week		2 2		Home	for A	ged						Our	Lady o	of Ligh	at			0
1-2 weeks		1 0										Sent	Mary's	Polish for in	terment			0
2-3 weeks		0 0			S	TILI	B	RTH	S			Brou	ight he	ere for	interm	ent	*********	16
3 weeks-1 month	0	0 0		Males	3					7								
1-2 months		3 0										3.7.1			SEX			
2-3 months		0 0																
3-6 months		4 7		1	`otal	********		***********		17		1 0111	.a.c	***********				05
6-9 months		1 2				NA	TII	ITY				****			COLO			
9-12 months		1 2		774 - 11 T	٠.					0.5		Whi						131
2 years		4 3											100					
3 years		0 0													NDITI			
4 years		0 1																
5-9 years		3 0													**************			
10-14 years		1 0										Divo	rced					1
15-19 years		1 1										Unk	nown					0
20-24 years	2	1 1		Germ	any								There	were	57 cas	es of o	conta	gions
25-29 years		5 1		Azore	S				*************	7		disea	ases re	ported	for Aug	gust, vi	Z:	51043
30-34 years		2 3		Austr	ia	• • • • • • • • • • • • • • • • • • • •												
35-39 years		2 4													*******			
40-44 years		1 2		-											Lungs			
45-49 years		5 4 3 1								3		Tub	erculos	sis, oth	ner form	S	********	2
50-54 years		3 1 5 3			_										1			
55-59 years		8 5		-											natorum			
65-69 years		4 8										Supp	purativ	re Con	junctivit	is		1
70-74 years		5 2													elitis			
75-79 years		1 2													leningiti			
80-84 years		0 2										Pne	umonia	a, Loba	ar			
85-89 years	. 1	1 0		-											at			
90-94 years		0 0		Brazil											at			
95-99 years		0 1		Cape '	Verde	Island	S					Gerr	nan M	easles	.1			
100+		0 0		Syria						1		Leth	argica	Ence	phalitiis .			
Unknown		0 0		Unkno	own		• • • • • • • • • • • • • • • • • • • •											
Total	133 7	0 63										Syph	nilis					
DEATHS BY WA		20		1—6		e follo		is the	numbe		ntagio		eases 1	reporte	ed in eac		1: 9—3	
3		11		Fetim	ating	he nor	ulati	on at 13	0.043 1	33 dear	ths wo	uld giv	re an ar	nnual	death rat	te of 12	27 in	1.000
4				Lottill											month i			2,000
5					1	1112 12	5 1110	re than							anonth l	11 1344	•	
6									Death	ns of no	on-resi	idents.		).				
8		_							-		-		FRA	NK I	. LARK	IN Sa	creta	rv
0		17		SAI	MUEL	B. M	ORR	ISS, As	ent.				I IV	ALVEN A	. water	, OC	oreta.	3.



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## BOARD OF HEALTH

CITY OF FALL RIVER

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## MEDICAL INSPECTION OF SCHOOLS

We feel certain that the results of Medical Inspection of our School Children will be more gratifying this year than for any corresponding period since this important branch of Health Department activities was first established in Fall River in 1908. Our principal reasons for so believing are eight—a supervisor and seven school nurses doing the necessary follow-up to make the work of the Medical Inspectors more effective. More follow-up being possible than formerly because of His Honor, Mayor Talbot, providing the necessary funds for two new nurses, which increased our School Nursing force to the above number.

When in 1908, eight physicians were appointed to carry on this work, it was believed that through their efforts much could be done in accomplishing the three objects of Medical Inspection of Schools: 1st, to protect the health of school children by the prevention of the spread of contagious diseases, through early detection and exclusion from school of children who were ill with any communicable disease; 2nd, to insure the early recognition of disease and to increase the chances of recovery; 3rd, to discover any defects or abnormalities, and cause them to be corrected.

The efforts to accomplish the first object were successful and a source of satisfaction to the Board of Health from the beginning, as not only were all the children examined regularly, but in addition the school teachers promptly called to the attention of the Medical Inspector all children showing suspicious signs or symptoms. The physicians would promptly exclude those ill with infectious diseases and so remove the source of infection. The other objects were only partly fulfilled, as although the Medical Inspectors did their share by notifying the parents of any disease, defect or abnormality disclosed by their examination, and advising that the family physician be consulted for advice and treatment, for various reasons, ignorance, thoughtlessness, carelessness, etc., the parents did not respond as they should, and the necessary treatment was not secured in many cases.

The Board of Health early recognized that follow-up work was necessary, and that to do this work properly it would be necessary to employ trained nurses to visit the homes of the children found to be suffering from diseases,

defects or abnormalities. The seriousness of the condition and the need of consulting the family physician could be best explained to the family by a nurse in a friendly visit, and the co-operation of the parents secured. From time to time the Board of Health requested that funds be furnished so that nurses could be employed, but nothing was done until 1914, when one nurse was employed as District and School Nurse. Since then the force has been very gradually increased to the present number. For some time after the inauguration of Medical Inspection of Schools, up till recently the Distric Nursing Association assisted in this follow-up work, and a great deal of the results accomplished amongst the school children during this time was due to their efforts.

By the nurse explaining to the mother just what the card that Johnny brings home means and the need for having his tonsils, teeth, etc., examined by the family physician or dentist, who will advise necessary treatment, the neglect due to ignorance is often overcome, and it is a fact that this "ignorance" is not entirely confined to our foreign born population. The parent who is apt to be careless or keep putting off the visit to the physician, can not plead forgetfulness when the nurse calls frequently, and so makes the trip more quickly than she would if there was no follow-up. And so the work goes on; the one thing that the nurse first tries to impress on the mind of the parent is that the card received from the school signed by the school physician means that physical examination of the child disclosed signs or symptoms that should be called to the attention of the family physician, and that he is the one to prescribe the treatment, if any, that is necessary. If the family cannot afford the service of a private physician the child is referred to a clinic at one of the local hospitals, where the necessary advice and treatment may be secured.

With an increased personnel and a few slight changes in procedure, we are extremely hopeful of securing gratifying results during the present school year. Results which will make the children better physically and quite often mentally, and so equip them to take advantage of the opportunities our school system offers them.

# MORTALITY FOR THE MONTH OF SEPTEMBER, 1923

1	.—Endemic or Infectious Diseases.
1	Typhoid fever (abdominal typhoid
	and para-typhoid)  0. Typhoid fever  1. Paratyphoid fevers
2	Typhus fever (exanthematous) Relapsing fever (spirillum obermei- eri)
4	Melito—coccosis (Malta fever)
5	Malarial fever or cachexia  0. Malarial fever  1. Malarial cachexia
6	1. Malarial cachexia
7	Measles
9 10	Scarlet lever Whooping cough Diphtheria Influenza Complications:
11	Influenza
	0. Pneumonia
	2. Heart diseases
	4. Meningitis
	5. Gastro intestinal
12	Miliary fever
13 14	Mumps Asiatic cholera Cholera nostras (choleriform en-
15	LCTILINI
16	Dysentery
	0. Amebic 1. Bacillary 2. Unspecified or due to other causes
17	Plague
	0. Bubonic
	1. Pneumonic
18 19	Yellow fever
20	Leprosy Erysipelas
22	Acute poliomyelitis
24 25	Encephalitis lethargica Epidemic cerebro-spinal meningitis Other epidemic diseases
20	0 Varicella
26	2. Septic Sore Throat
27 28	Purulent or septicemic infection Glanders and farcy
29	Rables
31	Tetanus Mycoses Tuberculosis of the respiratory sys-
33	tem Tuberculosis of the meninges or of the central nervous system
34	the central nervous system Tuberculosis of the intestines or
35	peritoneum
36 37	peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints Tuberculosis of other organs and
•	structures
	subcutaneous cellular tissue
	(except vertebral column).  2. Tuberculosis of the lymphatic system (except the
	Honeal glands)
	urinary system
38	Disseminated tuberculosis  0. Acute (including miliary tuberculosis of the lungs, ex-
	cept that specified as
	chronic or pulmonary)  1. Chronic
39	Syphilis (includes syphilic infection
	of any organ, tissue or structure of the body)
	1. Secondary 2. Tertiary 3. Hereditary
	3. Hereditary
40	Soft chancre (used for morbidity
41	Gonococcal infection except that of
42	the eye or adnexa

	,	
I	I.—General Diseases Not Included Above.	1
43	Cancer or other malignant tumors of the buccal cavity  0. Cancer of the lip	
	0. Cancer of the lip	
	1. Cancer of the tongue	
	3. Cancer of the jaw	
44	4. Others	
44	of the stomach and liver	
	<ol> <li>Cancer of the esophagus</li> <li>Cancer of the stomach</li> </ol>	5
	3. Cancer of the liver and gall	2
45	Cancer or other malignant tumors	2
	of the peritoneum, intestines and	
	of the peritoneum, intestines and rectum  0. Cancer of the mesentery and	
	peritoneum 1. Cancer of the intestines (except rectum) 2. Cancer of the rectum and	
	cept rectum)	
	2. Cancer of the rectum and annus	1
	3. Others	-
46	Cancer or other malignant tumors	
	0. Cancer of the ovary and	
	fallopian tubes	2
	2. Cancer of the vagina and	
	3. Others Cancer or other malignant tumors of the female genital organs  0. Cancer of the ovary and falloplan tubes 1. Cancer of the uterus 2. Cancer of the vagina and vulva 3. Others	
47	Cancer or other malignant tumors	
48	vulva 3. Others Cancer or other malignant tumors of the breast Cancer or other malignant tumors of the skin	1
	Cancer or other malignant tumors of the skin  Cancer or other malignant tumors of other or unspecified organs  0. Cancer of the larynx  1. Cancer of the lung and pleura  2. Cancer of the pancreas  3. Cancer of the kidneys and suprarenals	
49	of other or unspecified organs	
	0. Cancer of the larynx	
	oleura	
	2. Cancer of the pancreas	
	suprarenals	
	4. Cancer of the prostate	1
	4. Cancer of the prostate 5. Cancer of the bladder 6. Cancer of the brain 7. Cancer of the bones (except	
	7. Cancer of the bones (except	
	jaw)	
50	9. Others Benign tumors and tumors not re-	
55	turned as malignant (except be-	
	8. Cancer of the testes. 9. Others Benign tumors and tumors not returned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138). 0. Tumor of the brain 1. Tumor of the brain 2. Tumor of abdomen 3. Tumor of bladder 4. Tumor of prostate 5. Tumor of other location Acute febrile articular rheumatism Chronic rheumatism or gout 0. Chronic gout Scurvy Pelbarra	
	0. Tumor of the brain	
	1. Tumor of thorax	
	3. Tumor of bladder	
	5. Tumor of other location	
51	Acute febrile articular rheumatism	
52	0. Chronic rheumatism or gout	
53	1. Chronic gout	
54	Scurvy Pellagra Beri-beri	
5 <b>5</b> 56	Rickets	1
57	Dishetes	2
58	Anemia, Chlorosis  0. Pernicious anemia  1. Other anemias and chlorosis	
	1. Other anemias and chlorosis	
59 <b>60</b>	Diseases of the pituitary gland  Diseases of the thyroid gland  0. Exophthalmic goitre	
	0. Exophthalmic goitre	
	1. Other diseases of the thyroid gland Diseases of the parathyroid gland. Diseases of the thymus	
61	Diseases of the parathyroid gland	
62 63	Addison's disease (disease of the	
C.A	adrenals)	
64 65	adrenals) Diseases of the spleen Leukemia and Hodgkin's disease.	
	0. Leukemia 1. Hodgkin's disease	
66	Alcoholism (acute or chronic) Chronic poisoning by mineral sub-	
67	Chronic poisoning by mineral sub- stances	
	A Channia land notcontag	
68	Chronic poisoning by organic sub-	
	1. Others	
69	Other general discuses	
	1. Amyloid degenerations	
	2. Autointoxications	
	4. Purpura hemorrhagica	
	5. Others	

Ш	Diseases of the Nervous System and Organs of Special Sense.
70	Encephalitis
71	Meningitis  0. Simple 1. Non-epidemic cerebro - spin- al meningitis Progressive locomotor ataxia (tabes dorsalls) Other diseases of the spinal cord 0. Bulbar paralysis (Duchen- ne's disease)
72	Progressive locomotor ataxia (tabes
73	dorsalis)
, ,	0. Bulbar paralysis (Duchenne's disease)
	1. Paralysis agitans (Parkin- son's disease)
	alysis (Landry's disease)
74	4. Others
	3. Myelitis 4. Others Cerebral hemorrhage, apoplexy 0. Cerebral hemorrhage 1. Cerebral thrombosis and embelsem
75	Paralysis (without specified cause)  0. Hemiplegia  1. Other forms of paralysis  General paralysis (of the insane)
76	1. Other forms of paralysis General paralysis (of the insane)
77	
<b>78</b> 79	Convulsions (non - puerperal) (5
80	Convulsions (non-puerperal) (5 years and over) Infantile convulsions (under five years of age).
81	
	0. Chorea 1. Hysteria and neuralgia 2. Neuritis Softening of the brain Other diseases of the nervous system
82	2. Neuritis
83	Other diseases of the nervous system
84	Softening of the brain Other diseases of the nervous system Diseases of the organs of vision and adnexa except gonococcal infection, No. 42  0. Diseases of the eye (except tumor) 1. Follicular conjunctivitis 2. Trachoma 3. Tumors of the eye 4. Other diseases of the eye or its adnexa Diseases of the organs of hearing
	tion, No. 42 0. Diseases of the eye (except
	tumor)
	2. Trachoma
	4. Other diseases of the eye or its adnexa
85	tis adnexa.  Diseases of the organs of hearing and the mastoid process.  0. Diseases of the ear
	0. Diseases of the ear
	process
IV	<ul> <li>Diseases of the Circulatory System</li> </ul>
86 87	Pericarditis
88	
89	Angina pectoris  Other diseases of the heart  O. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of the heart  Angina pectoris  2. Angina pectoris  Angina pectoris  4. Angina pectoris  A
	1. Chronic myocarditis 2 2. Other chronic diseases of
90	the heart
91	Aneurism Atheroma and other diseases of the arteries
92	
93	cerebral)  Diseases of the veins (varices, hemorrholds, phlebitis, etc.)  Diseases of the lymphatic system
94	
95	course, other discours of the cir
V	culatory system.  Diseases of the Respiratory System.  Diseases of the nasal fossae and their adnexa
96	Diseases of the nasal fossae and their adnexa
	their adnexa  0. Diseases of the nasal fossae 1. Others
97	1. Others Diseases of the larynx (except tuberculosis and cancer
98	Bronchitis 0. Acute
	1. Chronic
	5 years of age
99	
	Broncho pneumonia (including capillary bronchitis)  0. Broncho pneumonia 1. Capillary bronchitis
100	Pneumonia
104	1. Not otherwise specified
101	0. Pleurisy
	1. Empyema of thoracic cavity

102	Congestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolic acid
103	orrhage of the lung	nancy	3. Cocaine
104	Asthma	145 Other accidents of childbirth	5. Opium (morphine)
105	Emphysema of the lung Other diseases of the respiratory	0. Cesarian section	6. Wood alcohol
106	system (tuberculosis excepted)	1. Other surgical operations and instrumental delivery.	7. Others
	0. Chronic interstitial pneumo-	2. Others	178 Conflagration
	nia (including occupational diseases of the lung)	147 Phlegmasia alba dolens, puerperal	179 Accidental burns and scalds (con- flagration excepted)
	diseases of the lung)  1. Diseases of the mediasti-	embolism or sudden puerperal	0. Stoves
	num	148 Puerperal albuminuria or convul-	1. Lamps
171	-Diseases of the Digestive System.	sions	3. Hot fluids 1
		149 Childbirth (without other explana- tion)	4. Matches
107	Diseases of the mouth and adnexa.  0. Diseases of the teeth and	150 Puerperal diseases of the breast	6. Others
	gums	IXDiseases of the Skin or Cellular	7. Unknown
	1. Other diseases of the buccal cavity and adnexa	Tissue.	0. Foreign body in larynx 1
108	Diseases of the pharynx and tonsils		1. Overlying 2. Others 2. Others 3. Inventor
	(includes adenoids)	151 Gangrene	161 Accidental absorption of irrespir-
	1. Ludwig's angina	153 Phlegmon, acute abscess	able or poisonous gas
	2. Tonsilitis	154a Tinea and aiopecia (morbidity only) 154b Pruritis (morbidity only)	1. Chloroform or ether
400	4. Others	154b Pruritis (morbidity only)	2. Coal gas
109 110	Diseases of the esophagus	155 Other diseases of the skin and its adnexa	4. Sewer gas
	num 0. Ulcer of the stomach		6. Unknown
	1. Ulcer of the duodenum	X.—Diseases of the Bones and Organs	182 Accidental drowning
111	Other diseases of the stomach (can-	of Locomotion.	0. Rivers, ponds, etc 1 1. Others
	cer excepted	156 Diseases of the bones (tubercu-	183 Accidental injury by firearms
	1. Gastritis	losis excepted)	(wounds of war excepted) 184 Accidental injury by cutting or
	2. Stricture or stenosis of py- lorus	losis and rheumatism excepted)	piercing instruments
	3. Others	158 Other diseases of the bones or organs of locomotion	185 Accidental injury by falls  0. Down shafts, hatchways.
112	years of age) 10		holds of vessels
113	Diarrhea and enteritis (2 years and	XI.—Malformations.	<ol> <li>Down stairs</li></ol>
114	Ankylostomiasis	159 Congenital malformations (still-	3. From fire-escapes
115	Diseases due to other intestinal	births excepted)	4. From scaffolds
	parasites	1. Malformations of the heart 2	6. From vehicles
	liver excepted)	2. Others 2	1. On streets, sidewalks, etc 9. Other falls
	1. Trematodes	XII.—Diseases of Early Infancy.	Accidental traumatism in mines and
	kylostoma)	160 Congenital debility, leterus and	quarries
	3. Coccidia	sclerema 0. Marasmus	1. In quarries
110	5. Parasites not specified Appendicitis and typhlitis	1. Inanition	187 Accidental traumatism by machines 0. Deaths by machinery
117	Hernia, intestinal obstruction	3. Sclerema	1. Deaths by elevators 188 Accidental traumatism by other
	0. Hernia	4. Others	crushing (vehicles, railways,
118	Other diseases of the intestines	labor	landslides, etc.)
	0. Diseases of the anus and stercoral fistulae	0. Premature birth 5 1. Injury at birth 2	etc
	1. Other diseases of the intes-	162 Other diseases peculiar to early infancy	2. Run over by other vehicles
119	Acute yellow atrophy of the liver	0. Asphyxia neonatorum	8. Run over by electric surface cars
120 121		1. Atelectasis	4. Run over by steam railroad
18.1	0. Returned as alcoholic	3. Umbilical hemorrhage 1	cars
122	1. Not returned as alcoholic 2 Biliary calculi	4. Others	road cars
123	Other diseases of the liver 2 Diseases of the pancreas except	XIII.—Old Age.	6. Run over by subway cars 7. Crushed by falling bodies
124	cancer	164 Old age (senility)	8. Crushed by derricks, stones, etc.
125	Peritonitis of unstated cause 1 Other diseases of the digestive		9. Other causes
	system (cancer and tuberculosis	XIV.—External Causes.	189 Injuries by animals (not poisoning) 190 Wounds received in war
	excepted)	165 Suicide by solid or liquid poisons (corrosive substances excepted)	191 Executions of civilians by bellig-
VI	I.—Non-Venereal Diseases of the	0. Opium, morphine	erent armies 192a Excessive labor
	Genito-Urinary System and	2. Chloroform (ether)	192b Starvation (deprivation of food or water)
	its Adnexa.	3. Others	193 Excessive cold
127	Acute nephritis (including unspeci- fied under 10 years of age)	() Arsenic (paris green)	194 Excessive heat 195 Lightning 196 Other accidental electric shocks
128	Chronic nephritis (including un-	Bichloride of mercury     Carbolic acid	196 Other accidental electric shocks 197 Homicide by firearms
129	specified over 10 years of age 11 Chyluria	3. Cyanides (prussic acid)	198 Homicide by cutting or piercing in-
130	Chyluria Other diseases of the kidneys and	5. Muriatic acid (hydrochloric	struments 199 Homicide by other means
	their adnexa (diseases of the kidney in pregnancy excluded)	acid)	200 Infanticide (murder of infants less
131	Calculi of the urinary passages	167 Suicide by poisonous gas	than 1 year of age)
132	Diseases of the bladder (except tumors)	0. Illuminating gas	ilslocations
133	tumors) Diseases of the urethra, urinary	2. Coal gas	prains
	abcess, etc	3. Others	fled)
49.4	1. Others	169 Suicide by drowning	202 Other external violence 0. Criminal abortion
	tumors ) 1	0. Rivers, etc	1. Explosions
135	Non-venereal diseases of the male	170 Suicide by firearms	2. Salvarsan injection 3. Other medicaments (injec-
136	genital organs Cysts and other benign tumors of	171 Suicide by cutting or piercing instruments	tion)
137	Salpingitis or pelvic absecss	172 Suicide by jumping from high places	203 Violent deaths of which the cause
138	Benign tumors of the uterus 1	173 Suicide by crushing	is unknown
139 140	Metritis	174 Other suicides	XVIll-Defined Diseases.
141	Other diseases of the female genital	0. Mushrooms 1. Shell fish	204 Sudden death
142	Non-puerperal diseases of the	2. Pork sausages	205 Cause of death not specified or ill-
	breast (cancer excepted)	3. Others	defined
	VIII.—The Puerperal State.	177 Other acute accidental poisonings	1. No disease; malingering 2. Surgical operation
143	Accidents of pregnancy  0. Abortion	(gases excepted)	
	1. Ectopic gestation	1. Bichloride of mercury	TOTAL 105

## CONTAGIOUS HOSPITAL REPORT FOR SEPTEMBER, 1923

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox Septic Sore	Throat Diphtheria	Measles and Diphtheria	Scarlet Fever	Tonsilitis	Diphtheria and Ophthalmia Neonatorum	Pneumonia (Lobar)	Acute Meningitis	Mumps	Typhoid Fever	Whooping Cough & Measles	Influenza Pneumonia	Scarlet Fever and Diphtheria	Scabies	Total
Patients admitted Termination { Recovery Death	1			10 11		11 4				••••							22 15

DEATHS BY AGES		
Under 1 day 2	2 Males	O Females
1-2 days 1	1	0
2-3 days	0	1
3 days-1 week 1	1	0
1-2 weeks 2	1	1
2-3 weeks	1	1
3 weeks-1 month 1	1	0
1-2 months 1	1	0
2-3 months 2	1	1
3-6 months 7	4	3
6-9 months 4	2	2
9-12 months	2	0
1 year 2	2	0
2 years	2	0
3 years 3	2	1
4 years 1	1	0
5-9 years 1	0	1
10-14 years 4	1	3
15-19 years 4	0	4
20-24 years 0	0	0
25-29 years 2	1	1
30-34 years 1	0	1
35-39 years 4	0	4
40-44 years 7	5	2
45-49 years 4	1	3
50-54 years 9	5	4
55-59 years 7	1	6
60-64 years 3	2	1
65-69 years 7	5	2
70-74 years 8	3	5
75-79 years 5	3	2
80-84 years 3	1	2
85-89 years 2	2	0
90-94 years 0	0	0
95-99 years 0	0	0
100 + 0	0	0
Unknown 0	0	0
Total105	54	51

DEATHS BY WARDS
1
<b>2</b>
<b>3</b> 5
4
5 7
<b>6</b>
7
<b>6</b>

HOSPITALS	
Fall River General Hospital	11
Union Hospital	
St. Anne's Hospital	
Bay View Hospital	
Truesdale Hospital	
Contagious Hospital	
City Home	
Home for Aged	
STILL BIRTHS	
Males	
Females	
Unknown	
Total	11
NATIVITY	
Fall River	
Massachusetts	
Other States	
Ireland	7
Canada	15
England	14
Scotland	1
Germany	
Azores	5
Austria	
France	
Belgium	
Russia	
Portugal	1
Italy	
Poland	
Denmark	
Australia	
Sweden	
Spain	
Greece	1
Brazil	
Cape Verde Islands	••
Syria	
Unknown	

CEMETERIES
Oak Grove       16         North Burial Ground       8         St. John's       2         St. Mary's       2         St. Patrick's       24         Notre Dame       45
Nwoo Hill
Agedas Aham Our Lady of Light 2 St. Mary's Polish Sent away for interment 8 Brought here for interment 25
SEX
Male
COLOR
White
CONDITION
Married
Widowed
There were 94 cases of contagious
diseases reported for Sept., viz:  Diphtheria21
Scarlet Fever
Typhoid Fever 5
Tuberculosis of Lungs 14 Tuberculosis, other forms 1
Whooping Cough16
Measles 1 Ophthalmia Neonatorum 7
Suppurative Conjunctivitis 3
Chicken Pox 3 Anterior Poliomyelitis 1
Cerebro-Spinal Meningitis 1
Influenza
Septic Sore Throat 1 Mumps 1
German Measles
Lethargica Encephalitiis
Gonnorrhea 1 Syphilis
J P.11.13

The following is the number of contagious diseases reported in each ward:

1-18 2-17 3-9 4-9 5-13 6-16 7-2 8-5

Estimating the population at 130,043, 105 deaths would give an annual death rate of 9.69 in 1,000 This is 28 less than last month and 33 less than the same month in 1922.

Deaths of non-residents......6.

FRANK L. LARKIN, Secretary.



- OF THE-

## BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS.

SAMUEL B. MORRISS, AGENT.

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VOLUME IX

**NOVEMBER 1923** 

NUMBER 11

### MILK

Pure milk is one of the best and cheapest foods on It is a necessary and most important the market. part of the diet of children, a perfect food for nursing infants and contains every essential element of food required by adults. Every child should consume at least one quart of milk a day, but unfortunately this is not the rule in our city as the food value of milk is not properly appreciated by a good many of our people. As a result of this lack of knowledge milk is quite often figured as an expensive food as the cost is judged by the quantity rather than by the amount of nutrition contained in this valuable food. Because of this, it is the rule in communities like ours, that whenever times are dull and the income of the family decreases, less milk is consumed by the family as a means of cutting down expense. This is false economy as whatever money is apparently saved, is saved at the expense of the health of the members of the family and particularly of the children. This so-called saving most probably will be spent later in addition to other sums for medicine and medical attendance. When times are dull therefore, milk should be used at least as freely as at other times, as it is an economical food for the whole family and it would be wiser, if it is necessary to economize, to cut out something else.

Pure milk is milk from healthy cows, properly handled, kept in clean containers and kept cool until used. The regulations of the Board of Health require that the producer of and dealer in milk must keep it cool at a temperature of 50 degrees Fahrenheit or less from within a half hour after the time it is drawn from the cow until it is delivered to the consumers. The regulation of the Board governs the production, handling, care, sale and delivery and when properly observed, assure the consumer of having good clean milk delivered at his door, but from the time of the delivery, the responsibility of keeping the milk pure and clean is up to the consumer.

During May, 1923, Mr. R. S. Smith, Market Milk Specialist of the Bureau of Animal Industry, United States Department of Agriculture, made a survey of conditions in the Fall River milk area at the invitation of the Board of Health, Infant Welfare Commission and the Milk Committee of the Chamber of Commerce. After completing his investigation, Mr. Smith submitted to the Board as well as to the other agencies interested a report of his findings and made certain recommendations in relation to amending the milk regulation. The

findings were gratifying to the Board and the recommendations were given careful consideration. In considering these recommendations the Board was guided by both the effect on the purity of our milk supply and by the additional expense involved in making changes in equipment both by the producers and dealers which would undoubtedly be passed on to the consumers in increased prices.

While the Board was of the opinion that all the recommendations were good and their adoption would tend to improve the quality and purity of our milk supply, it was finally decided that the comparative good effected by putting some of them into effect would be overshadowed by the lowering of the amount of milk consumed, and so all were not adopted. The Board, after careful study, concluded that it is better to have a reasonable safe milk supply generally used, than to regulate it so that in order to reach the required standard, the expense to the producer and dealer would be such, that the cost to the consumer would be so high that the consumption of milk would greatly decrease.

As a result of the consideration of these recommendations the regulation of the Board was amended so that every pasteurizer shall have to be equipped with a time and temperature recording thermometer, that all bottling plants shall have the necessary equipment to cap all the bottles by machinery and that the caps shall be contained in sealed tubes and that no mis-statement shall be printed on the cap or on any label attached to the container. By requiring the use of time and temperature recording thermometers, it will be possible to check up on the manner in which milk is pasteurized on any certain date without the necessity of the Inspector being present at the time of pasteurization. The value of having all bottles capped by machinery is in the overcoming of any possibility of contamination being caused to the bottled milk by way of the hands of the person capping the container as is possible in plants where bottles are capped by hand. The last provision was adopted as it is found that certain dealers had special caps printed which would lead the consumer to believe that the milk contained in the bottle so stoppered was of a higher quality than the milk ordinarily sold by the concern, when actually there was no difference in the quality of the milk, the only difference being in the printed statements on the caps and the price to the

The amendments have been approved by the Attorney General as required by law and will go into effect April 1st, 1924.

# MORTALITY FOR THE MONTH OF OCTOBER, 1923

	I.—Endemic or Infectious Diseases	•
ŧ	Typhoid fever (abdominal typhoid and para-typhoid)  0. Typhoid fever  1. Paratyphoid fevers  1. Typhoid fevers	1
3	L Typhus level (examinations)	
ē	Melito—coccosis (Malta fever)  Malarial fever or cachexia  0. Malarial fever  1. Malarial cachexia  Smallpox	
9	1. Malarial cachexia	
7 8	Scarlet fever	9
10	Diphtheria	2
	O Maria Maria	1
	1. Bronchitis	
	3. Nephritis	
	Complications:  0. Pneumonia 1. Bronchitis 2. Heart diseases 3. Nephritis 4. Meningitis 5. Gastro intestinal 6. Puerperal 7. Others	
12 13	26111 6	
14 15	Asiatic cholera	
16	Miliary lever Mumps Asiatic cholera Cholera nostras (choleriform enteritis) Dysentery  0. Amebic 1. Bacillary 2. Unspecified or due to other causes	
	0. Amebic	
	causes	
17	Plague  0. Bubonic  1. Pneumonio 2. Septicemio 3. Unspecified	
	2. Septicemic	
18 19	Yellow fever	
20		
22	Acute poliomyelitis Encephalitis lethargica	
24 25	Erysipelas Acute poliomyelitis Encephalitis lethargica Epidemic cerebro-spinal meningitis. Other epidemic diseases  0 Varicella 1. Rubella 2. Septic Sore Throat	2
	1. Rubella	
26 27	Purulent or septicemic infection	
28	Purulent or septicemic infection Glanders and farcy. Malignant pustule (anthrax) Rabjes	
30 31 32	Mycoses	
33	tem	9
34	Tuberculosis of the respiratory system  Tuberculosis of the meninges or of the central nervous system  Tuberculosis of the intestines or peritoneum  Tuberculosis of the vertebral column  Tuberculosis of the joints  Tuberculosis of other organs and structures  0. Tuberculosis of the skin or subcutaneous cellular tissue  1. Tuberculosis of the bones	
35 36	peritoneum Tuberculosis of the vertebral column	1
36	Tuberculosis of the joints Tuberculosis of other organs and	
	0. Tuberculosis of the skin or	
	(except vertebral column).	
	2. Tuberculosis of the lym- phatic system (except the	
	mesenteric and retroper- itoneal glands)	
	urinary system	
38	0. Acute (including miliary tu-	
	cept that specified as	
9.0	1. Chronic or pulmonary)	
39	Syphilis (includes syphilic infection of any organ, tissue or structure of the body)  O. Primary  Secondary	
	0. Primary 1. Secondary	
	a modernially	1
40		
41	Gonococcal infection except that of	
42	the eye or adnexa Gonococcal ophthalmia	

ION	OF C	CAUSES	OF .	DEA	TH,	HEI	LD AT	' PA	l
	11.—G	eneral			No	t In	clude	d	
			Ab	ove.					
43	of Can	cer or or the built of the buil	other ccal	cavi	ligna ty	nt t	umors		
	!	0. Canc	er o	f the	lip			1	l
		2. Canc	er of	the	moi	ith		1	
		d. Cance	er of	the	jav	v			ı
44	Can	cer or o	ther						ı
		the stor	er of	the	pha	rynx			
	6	L. Cance	er of	the	810	phag	us	4	ı
		. Cance	or of	the	live	r and	us		
45		er or c	ther	mal	igna	nt ti	ımors	2	
	of rec	the per	itone	um,	inte	stine	and		I
	Č	ctum Cance peri	r of	the	mese	nter	y and		I
	1	. Cance	er of	the	intes	tines	(ex-		I
	2	cept Cance	rect	um)		otum	and	1	1
46	Canc	er or	ther	mal	igna	at tu	mors		
	of	the fem	ale	genit	al o	rgans	and.		
		fallo	pian	tub	es .	· · · · ·		1	
	$\frac{1}{2}$	. Cance . Cance	r of	the the	utei va	rus	and	2	
	2	vulv	а						
47	Canc	vulv. Other. er or o the brea er or o the skin er or o cher or Cance pleur Cance suprr	ther	mal	gnar	it tu	mors		
48	Of Canc	the brea	st ther	mali	gnar	it tu	mors	1	
49	of	the skin	thon	man 1					
43	of	other or	uns	pecifi	ed o	rgan	mors s		
	0	. Cance	r of	the i	laryn	X	and		
		pleur	a .	42					
	3	. Cance	r of	the	kid	neys	and		
	4.	Supra	arens	the	nros	tate		1	
	5.	Cance	r of	the	blad	der.			
	6. 7.	Cancer	r of	the	bone	an s (ex	ccept		
	8.	jaw)						- 1	
50	9.	Others						2	
50	turi	ned as	mali	gnani	(ez	s not	be-		
	nig:	n or no	n-sp and	ecifie	$d$ $t_1$	umor	8 <b>of</b>		
	0.	Tumor	of	the	brai	n			
	2.	Tumor	of	abdo	men				
	3. 4.	Tumor	of	blade	ier .				
51	5.	Tumor	of	othe	r loc	ation	1		
52	Chron	Cancel Others of tumor ned as nor no ovary a Tumor Tumor Tumor Tumor Tumor febrile cheuic rheui Chroni	natis	m o	r ru	eume it	uism		
	1.	Chroni	c rh	euma	itism				
53 54	Scurv								
55	Pellag Beri-l								
56 <b>57</b>	Ricke							1	
58	Annon	in Ohla	rosis		10			1	
	1.	Pernic Other ses of t	anen	nias	and	chlo	rosis		
53 60	Diseas	ses of t	he p he ti	hy <b>roi</b>	ary d gl	gland and.			
								1	
	70.1	roid	glan	d		····	· · · ·		
61 62	Diseas	ses of the	ie pa he t	hymi	yrold us	i gia	nd		
63	Addis	Other roid ses of the con's disease of the con's di	ease	(dis	sease	of	the		
64	Diseas	enals) ses of the	ne si	pleen	 				
65	Leuke	mia and Leuken	ı Ho nia	oagki	n's	disea	se		
66	Alcoho	Leuken Hodgki	n's	disea	se .	(c)			
67									
	stan	Chronic	lea	d po	ison	ing.			
68	Chroni	ces Chronic Others ic poison	ning	by	Orgo	nic	 !!!b-		
	stan	ces			or gal				
69	U.	Acidosi	g	ases.					
	1. 2.	Acidosi Amyloi Autoint	d de	gene	ratio	ns .			
	3.	nemopi	mina						
	4. 5.	Purpura Others		morri	ung10	а			

H	I.—Diseases of the Nervous Systand Organs of Special Sense.	em
70		
7	Meningitis 0. Simple	
7/	1. Non-epidemic cerebro - spin- al meningitis	
72	dorsalis)	
73	Meningitis  0. Simple 1. Non-epidemic cerebro - spin- al meningitis Progressive locomotor ataxia (tabes dorsalls) 0 Other diseases of the spinal cord. 0. Bulbar paralysis (Duchen- ne's disease) 1. Paralysis agitans (Parkin- son's disease)	
	ne's disease)  1. Paralysis agitans (Parkin-	
	2. Acute ascending spinal par-	
	4. Others	
74	Cerebral hemorrhage, apoplexy  0. Cerebral hemorrhage	8
70 6	Cerebral hemorrhage     Cerebral thrombosis and embolism	
75	Paralysis (without specified cause)  0. Hemiplegia  1. Other forms of paralysis General paralysis (of the insane) Other forms of mental alleration	
76	General paralysis (of the insane)	
77 78	Other forms of mental alienation	
79	Convulsions (non - puerperal) (5	
80	Other forms of mental allenation.  Epilepsy Convulsions (non - puerperal) (5 years and over) Infantile convulsions (under five years of age).	
81	Chorea	
	Chorea  0. Chorea  1. Hysteria and neuralgia 2. Neuritis Softening of the brain Other diseases of the nervous system	
82	2. Neuritis Softening of the brain	
83	Other diseases of the nervous system  Diseases of the organs of vision and adnexa except gonococcal infection, No. 42	
04	adnexa except gonococcal infec-	
	0. Diseases of the eye (except	
	tumor)	
	2. Trachoma	
	4. Other diseases of the eve or	
85	Diseases of the organs of hearing	
	and the mastold process  0. Diseases of the ear  1. Diseases of the mastoid process	1
	process the mastoid	
IV.	-Diseases of the Circulatory System	TO
86 87	Pericarditis Acute endocarditis and myocarditis	
0,	0. Acute endocarditis 1. Acute myocarditis	2
88	Angina pectoris	2 5
89	0. Chronic endocarditis	1
	Angina pectoris Other diseases of the heart O. Chronic endocarditis I. Chronic myocarditis Other chronic diseases of the heart	4
90	the heart	4
91	Aneurism Atheroma and other diseases of the arteries Embolism and thrombosis (except cerebral)	
92	cerebral)	1
93 94	Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system	
95	(lymphangitis, etc.)	
	cause; other diseases of the cir-	
V.—	Diseases of the Respiratory System	n.
96	culatory system.  Discases of the Respiratory System Discases of the nasal fossae and their adnexa	
	0. Diseases of the nasal fossae	
97	their adnexa  0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer	
98		
	1. Chronic	1
	5 years of age	
99	3. Not otherwise defined, 5 years and over Broncho pneumonia (including capillary bronchitis)	
	o. Broncho pneumonia	2
00	illary bronchitis)  0. Broncho pneumonia  1. Capillary bronchitis  Pneumonia  0. Lober	
	1. Not otherwise specified	
01	Pleurisy	
	1. Empyema of thoracle cavity	

102 Congestion or parenchymatous orrhage of the lung	s hem-	2. Other accidents of preg-		2. Carbolic acid
orrhage of the lung	144 P	nancy		2. Cocaine 4. Lysol
104 Asthma	145 ()	ther accidents of childbirth		5. Opium (morphine)
105 Emphysema of the lung 106 Other diseases of the resp		0. Cesarian section		6. Wood alcohol
system (tuberculosis excep	ted)	and instrumental delivery	420	5. Not specified or unknown
0. Chronic interstitial prince in the companies of the co	neumo- national 146 P	2. Others	1/8 179	Conflagration
diseases of the lung	s) 147 P	hlegmasia alba dolens, puerperal		llagration excented)
1. Diseases of the me num		embolism or sudden puerperal death		0. Stoves 1. Lamps
2. Others		uerperal albuminuria or convul-		2. Steam
VIDiseases of the Digestive	System. 149 C	sionshildbirth (without other explana-		3. Hot fluids
107 Diseases of the mouth and a	dneva	tion)		5. Bonfires
0. Diseases of the teet		uerperal diseases of the breast		6. Others
gums	buccai IX.—I	Diseases of the Skin or Cellular	180	7. Unknown
cavity and adnexa.		Tissue.		0. Foreign body in larvnx
108 Diseases of the pharynx and (includes adenoids)				2. Others
0. Streptoccic sore throa	it 151 G	angreneoil, carbuncle, furuncle	181	Accidental absorption of freebil.
1. Ludwig's angina 2. Tonsilitis		hlegmon, acute abscess		able or poisonous gas
3. Adenoids		inea and alopecia (morbidity only)		1. Chioroform or ether
4. Others		ruritis (morbidity only)		2. Coal gas
110 Ulcer of the stomach and	duode-	ther diseases of the skin and its adnexa		4. Sewer gas
num 0. Ulcer of the stomach		iseases of the Bones and Organs		5. Other gases 6. Unknown
1. Ulcer of the duodenum	m 1		182	Accidental drowning
111 Other diseases of the stomac		of Locomotion.		0. Rivers, ponds, etc. 1. Others
cer excepted		iseases of the bones (tubercu-	183	Accidental injury by firearms
1. Gastritis		losis excepted)iseases of the joints (tubercu-	184	Accidental injury by firearms (wounds of war excepted)
2. Stricture or stenosis lorus	1	losis and rheumatism excepted)		
3. Others	158 U	ther diseases of the bones or organs of locomotion	185	Accidental injury by falls
112 Diarrhea and enteritis (un years of age)	12			holds of vessels
113 Diarrhea and enteritis (2 year	ars and	XI.—Malformations.		1. Down stairs
over) 114 Ankylostomiasis		ongenital malformations (still- births excepted)		3. From fire-escapes
115 Diseases due to other in parasites	testinai	0. Hydrocephalus 1		4. From scaffolds
0. Cestodes (hydatids	of the	1. Malformations of the heart 3 2. Others		6. From vehicles
liver excepted)  1. Trematodes				7. On streets, sidewalks, etc 9. Other falls
2. Nematodes (other th	an an-	II.—Diseases of Early Infancy.	186	Accidental traumatism in mines and
kylostoma)	160 C	ongenital debility, icterus and sclerema		quarries
4. Other parasites		0. Marasmus	187	1. In quarries
<ol> <li>Parasites not specifie</li> <li>Appendicitis and typhlitis</li> </ol>		1. Inanition		0. Deaths by machinery
117 Hernia, intestinal obstruction 0. Hernia	1	3. Sclerema 4. Others	188	1. Deaths by elevators
1. Intenstinal obstruction	n 1 161 E	remature birth, or consequence of		crushing (vehicles, railways,
118 Other diseases of the intest: 0. Diseases of the ani	ines	labor 5		landslides, etc.)
stercoral fistulae		1. Injury at birth 2		etc
1. Other diseases of the tines		ther diseases peculiar to early in-		2. Run over by other vehicles
119 Acute yellow atrophy of the	liver	0. Asphyxia neonatorum 1		3. Run over by electric surface cars
120 Hydatid tumor of the liver. 121 Cirrhosis of the liver		1. Atelectasis		4. Run over by steam railroad
0. Returned as alcoholic 1. Not returned as alcoh	holic	3. Umbilical hemorrhage 4. Others		5. Run over by elevated rail-
122 Biliary calculi	163 I	ack of care		foad cars
123 Other diseases of the liver 124 Diseases of the pancreas	except	XIII.—Old Age.		7. Crushed by falling bodies
cancer	164 0	old age (senility)		8. Crushed by derricks, stones, etc.
126 Other diseases of the d	ligestive	XIV.—External Causes.	189	9. Other causes
system (cancer and tube excepted)	erculosis	uicide by solid or liquid poisons	190	Wounds received in war
VII.—Non-Venereal Diseases		(corrosive substances excepted)	191	Executions of civilians by bellig-
Genito-Urinary System		0. Opium, morphine	192a	erent armies Excessive labor
		2. Chloroform (ether)		Starvation (deprivation of food or water)
its Adnexa.  127 Acute nephritis (including t	unanect- 166 S	3. Othersuicide by corrosive substances	193 194	Excessive cold Excessive heat
fled under 10 years of age)	) 1	0. Arsenic (paris green) 1. Bichloride of mercury	195	Lightning
128 Chronic nephritis (including specified over 10 years of a	ng un-	2. Carbolic acid	196 197	Other accidental electric shocks
129 Chyluria		3. Cyanides (prussic acid) 4. Oxalic acid	198	Homicide by cutting or piercing in-
130 Other diseases of the kidne their adnexa (diseases	of the	4. Oxalic acid	199	Homicide by other means
kidney in pregnancy exclu	ided) 1	acid)	200	Infanticide (murder of infants less
131 Calculi of the urinary passe 132 Diseases of the bladder	except 167 S	Suicide by poisonous gas	201	than 1 year of age) Fracture (cause not specified)
tumors)		0. Illuminating gas		Dislocations
abcess. etc		2. Coal gas		2. Fractures (cause unspeci-
0. Stricture of the ure	thra IEE S	3. Others	202	fled)
1. Others	(except 169 S	Suicide by drowning	202	0. Criminal abortion
tumors )		1. Others		1. Explosions
genital organs	171	Suicide by firearms		3. Other medicaments (injec-
136 Cysts and other benign turn the ovary	170	struments		3. Other medicaments (injection) 4. Other external violence
137 Salpingitis or pelvic absect	39	places	203	Violent deaths of which the cause is unknown
138 Benign tumors of the uter 139 Non-puerperal uterine hemo	orrhage. 174	Suicide by crushing		
140 Metritis	175	Poisoning by food		XV.—Ill-Defined Diseases.
organs		0. Mushrooms	204	Sudden death
142 Non-puerperal diseases breast (cancer excepted)	or the	2. Pork sausages	205	Cause of death not specified or ill-
VIII.—The Puerperal S	tate 176 1	3. Others		v. In-defined or not specified
148 Accidents of pregnancy	177	Other acute accidental poisonings		1. No disease; malingering 2. Surgical operation
0. Abortion		(gases excepted) 0. Ethyl alcohol		
1. Ectopic gestation		1. Bichloride of mercury		TOTAL 12

## CONTAGIOUS HOSPITAL REPORT FOR OCTOBER, 1923

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat	Diphtheria	Measles and Diphtheria	Scarlet Fever	Tonsilitis	Diphtheria and Ophthalmia Neonatorum	Pneumonia (Lobar)	Acute Meningitis	Mumps	Typhoid Fever	Whooping Cough	Influenza Pneumonia	Scarlet Fever and Diphtheria	Scabies	Total
Patients admitted Termination { Recovery Death	1	1 1 1	***		8		5 5				4000	****		2		****	••••	16 13 1

### DEATHS BY AGES

		ch	ales
	otal	ales	ä
	To	X	í.
Under 1 day	7	3	4
1-2 days	0	0	0
2-3 days	1	1	0
3 days-1 week	3	2	1
1-2 weeks	1	0	1
2-3 weeks	1	1	0
3 weeks-1 month	1	0	1
1-2 months	3	1	2
2-3 months	2	1	1
3-6 months	7	4	3
6-9 months	3	2	1
9-12 months	1	0	1
1 year	3	1	2
2 years	1	1	0
3 years	1	0	1
4 years	0	0	0
5-9 years	0	0	0
10-14 years	2	1	1
15-19 years	3	1	2
20-24 years	1	1	0
25-29 years	1	1	0
30-34 years	2	1	1
35-39 years		5	1
40-44 years		2	4
45-49 years		3	7
50-54 years		1	2
55-59 years	7	4	3
60-64 years	15	9	6
65-69 years		4	4
70-74 years	11	6	5
75-79 years	5	4	1
80-84 years	4	2	2
85-89 years	2	0	2
90-94 years	0	0	0
95-99 years	0	0	0
100+	0	0	0
Unknown	1	0	1
Total1	22	62	60

### DEATHS BY WARDS

A	T (
2	18
3	8
4	13
5	7
6	14
7	5
8	27
9	13

### HOSPITALS

Fall River General Hospital	9
Union Hospital	8
St. Anne's Hospital	6
Bay View Hospital	4
Truesdale Hospital	7
Contagious Hospital	2
City Home	1
Home for Aged	
	_

### STILL BIRTHS

Males	7
Females	4
Unknown	
Total	11

#### NATIVITY

NATIVITY	
Fall River	53
Massachusetts	8
Other States	5
Ireland	11
Canada	14
England	16
Scotland	3
Germany	
Azores	5
Austria	
France	1
Belgium	
Russia	
Portugal	
Italy	1
Poland	1
Denmark	
Australia	
Sweden	
Spain	
Bohemia	1
Brazil	1
Cape Verde Islands	
Syria	
Unknown	2

### CEMETERIES

Oak Grove	25
North Burial Ground	
St. John's	
St. Mary's	1
St. Patrick's	40
Notre Dame	
Nwoo Hill	
Agedas Aham	
Our Lady of Light	
St. Mary's Polish	
Sent away for interment	
Brought here for interment	
SEX	
Male	. 62
Female	60
COLOR	
	100
White	
Colored	

### CONDITION

Married		 	*************	.41
Single		 	*****************	55
Widowed	*********	 •		.25
Divorced.		 		
Unknown		 	***************	. 1

There were 88 cases of contagious diseases reported for Oct., viz:

Diphtheria......24

Scarlet Fever
Typhoid Fever
Tuberculosis of Lungs1
Tuberculosis, other forms
Whooping Cough1
Measles
Ophthalmia Neonatorum
Suppurative Conjunctivitis
Chicken Pox
Anterior Poliomyelitis
Cerebro-Spinal Meningitis
Pneumonia, Lobar
Influenza
Septic Sore Throat
Mumps
German Measles
Lethargica Encephalitiis

The following is the number of contagious diseases reported in each ward:

Tetanus ....... Gonnorrhea... Syphilis ......

1-21 2-8 3-9 4-18 5-7 6-7 7-3 8-7 9-8

Estimating the population at 130,043, 122 deaths would give an annual death rate of 11.26 in 1,000.

This is 14 more than last month and 14 less than the same month in 1922.

Deaths of non-residents......6.

FRANK L. LARKIN, Secretary.



--- OF THE ---

# BOARD OF HEALTH

CITY OF FALL RIVER

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## PHYSICAL EXAMINATIONS

Before a successful business man makes his plans for a new year, he has before him for study and guidance certain papers showing the condition of his business at the beginning and the end of the year just past and the changes in his business. One of these papers, the Financial Statement, shows his assets, liabilities and invested capital, the other a Profit and Loss Statement sets before him the income, the expenses, the turnover of his stock in trade, etc., and the resulting profit or loss of the business. These papers are carefully prepared by trusted officials of his concern from a summary of these books and an inventory or appraisal of his stock in trade, the furniture and fixtures and equipment, machinery, buildings and real estate, etc., of the business. A careful study of these papers is necessary so that he can determine what factors contributed to the success of the concern, and what policies need to be changed or strengthened to insure a greater success in the year just beginning.

But while this procedure is generally followed and the business man figures that he has taken stock of all the factors which enter into his business and that he has all his assets and liabilities listed, the most important item, contributing to his success, his health, ordinarily is not considered of enough importance to be checked up as carefully as the others. In an effort to have all men conserve their health as they do their business, the National Health Council which is composed of fourteen associations which are actively interested in the promotion of health, is advocating that every one have a thorough physical examination once a year and that each person select his birthday as the date for the examination. What better date could be selected for this purpose than the date which each one of us is starting our own new year?

The following extracts are taken from a bulletin of the Health Council:

#### "What is a Health Examination?

"It is a thorough physical and mental examination of an individual made by a competent physician. It is a human appraisal. It reveals whether you are 100% healthy or not. It is a necessary periodic stocktaking. It shows you what you may have to do to become more nearly perfect and how to enjoy life to the full. It is a health inspection and it will indicate what repairs, if any, are due your human machine.

"Go to your family physician and have such a health examination. Go on your birthday, or before your birthday. You owe this birthday present to yourself. It is the gift of life itself.

### "Why Have a Health Examination?

"You should have a health examination whether you think you are well or not.

"Because if your doctor finds that you are in good health it is a comfortable thing to know that fact. If your doctor finds physical impairments, you will be able to remedy them now, and may be saved much future pain and suffering and a possible early death.

"Because it will increase your chances for a long and useful life if you have an annual health examination. Experience has shown that about three out of four apparently healthy persons have physical defects, of which they are ignorant, but which can be remedied.

#### "How to Have a Health Examination.

"Make a definite appointment with your family physician or with some reputable agency whose physicians are available for this work.

"Be willing to have your physician devote enough time to this examination so that it will be thorough and

"Your doctor will tell you how to correct faulty habits of nutrition and hygiene and how to live a better and happier life.

"Increase the number of birthdays you will have.

#### "KEEP SICKNESS AWAY!"

#### Survey of School Children

Dr. E. Blanche Sterling, A. A. Surgeon and Miss Elizabeth Bell, Assistant Hygienist, both of the United States Public Health Service arrived in Fall River just previous to the Christmas school vacation to pursue the studies referred to in our September Bulletin. Preliminary plans have been made so that upon the re-opening of schools, Dr. Sterling and her assistant may start right in and complete their work with as little delay as possible.

# MORTALITY FOR THE MONTH OF NOVEMBER, 1923

1	Endemic or Infectious Diseases.
1	Typhoid fever (abdominal typhoid and para-typhoid)  0. Typhoid fever 1. Faratyphoid fevers
2	
4 6	Relapsing fever (examinematous) Relapsing fever (spirillum obermeierl) Melito—coccosis (Malta fever) Malarial fever or cachexia 0. Malarial fever 1. Malarial cachexia
0	0. Malarial fever
6 7 8	Smallpox Measles Scarlet fever
9	Scarlet fever Whooping cough Diphtheria
11	Complications:
	0. Pneumonia
	2. Heart diseases 3. Nephritis 4. Meningitis 5. Castro intestinal 6. Puerperal 7. Others Miliary fever
	5. Gastro intestinal
	7. Others
12 13	
14 15	Asiatic cholera
16	Dysentery
	1. Bacillary
	teritis)  Dysentery  0. Amebic  1. Bacillary  2. Unspecified or due to other causes
17	Plague Bubonic
	1. Pneumonio
18	3. Unspecified
19	Yellow fever Icterohemorrhagica spirochetosis. Leprosy
21	Erysipelas
23 24	Erysipelas Aoute poliomyelitis Encephalitis lethargica Epidemic cerebro-spinal meningitis.
25	Other epidemic diseases  0 Varicella  1. Rubella  2. Septic Sore Throat
	2. Septic Sore Throat
26 27 28	Purulent or septicemic infection Glanders and farcy. Malignant pustule (anthrax) Rables
29	Rabies
31	Tetanus Mycoses Tuberculosis of the respiratory sys-
33	tem
34	tem
35	peritoneumTuberculosis of the vertebral column
3 <b>6</b> 37	peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints Tuberculosis of other organs and
	0. Tuberculosis of the skin or
	subcutaneous cellular tissue  1. Tuberculosis of the bones  (overest watches)
	(except vertebral column).  Tuberculosis of the lymphatic system (except the
	mesenteric and retroper- itoneal glands)
	3. Tuberculosis of the genito-
38	
	0. Acute (including miliary tu- berculosis of the lungs, ex-
	Disseminated tuberculosis  0. Acute (including miliary tuberculosis of the lungs, except that specified as chronic or pulmonary)
39	
	Syphilis (includes syphilic infection of any organ, tissue or structure of the body)
	U. Primary
	8. Hereditary
40	
41	statistics only) Gonococcal infection except that of the eye or adnexa
49	the eye or adnexa

ON	OF CAUSES OF DEATH, HELD AT	PA
1	I.—General Diseases Not Included Above.	
43	Cancer or other malignant tumors	
	Cancer or other malignant tumors of the buccal cavity  0. Cancer of the lip  1. Cancer of the tongue  2. Cancer of the mouth  3. Cancer of the jaw	4
	1. Cancer of the tongue	1
	2. Cancer of the mouth	,
	4. Others	1
44	Cancer or other melignant tumors	
	0. Cancer of the pharvnx	
	1. Cancer of the esophagus	
	of the stomach and liver  0. Cancer of the pharynx  1. Cancer of the esophagus  2. Cancer of the stomach  3. Cancer of the liver and gall	1
4.00	DIAGGET	1
45	of the peritoneum, intestines and	
	of the peritoneum, intestines and rectum  0. Cancer of the mesentery and	
	peritoneum	
	peritoneum  1. Cancer of the intestines (except rectum)	3
	2. Cancer of the rectum and	9
		2
46	Cancer or other malignant tumors	
	of the female genital organs	
	fallonian tubes	
	1. Cancer of the uterus	1
	3. Others Cancer or other malignant tumors of the female genital organs 0. Cancer of the ovary and fallopian tubes 1. Cancer of the uterus 2. Cancer of the vagina and vulva	
	3. Others Cancer or other malignant tumors of the breast Cancer or other malignant tumors of the skin	
47	Cancer or other malignant tumors	2
48	Cancer or other malignant tumors	_
49	Of the skin	
70	of other or unspecified organs	
	Cancer or other malignant tumors of the skin  Cancer or other malignant tumors of other or unspecified organs  0. Cancer of the larynx  1. Cancer of the lung and pleura  2. Cancer of the pancreas  3. Cancer of the kidneys and supragrenals	
	pleura	
	2. Cancer of the pancreas	
	suprarenals	
	4. Cancer of the prostate 5. Cancer of the bladder 6. Cancer of the brain 7. Cancer of the bones (except	1
	6. Cancer of the brain	_
	7. Cancer of the bones (except	
	jaw)	
50	9. Others	
	turned as malignant (except be-	
	nign or non-specified tumors of the overy and uterus—136, 138)	
	0. Tumor of the brain	
	nign or non-specified tumors of the ovary and uterus—136, 138).  0. Tumor of the brain  1. Tumor of thorax  2. Tumor of abdomen  3. Tumor of bladder  4. Tumor of prostate  5. Tumor of other location  Acute febrile articular rheumatism Chronic rheumatism or gout  0. Chronic rheumatism  1. Chronic gout  Scurvy	
	3. Tumor of bladder	
	5. Tumor of other location	
51	Acute febrile articular rheumatism	
52	0. Chronic rheumatism or gout	
	1. Chronic gout	
53 54	Scurvy Pellagra	
55	Berl-berl	
56 57	Rickets Diabetes	2
58	Anemia, Chlorosis	
	0. Pernicious anemia	
59	Diseases of the pituitary gland	
60	0. Exophthalmic goitre	
	1. Other diseases of the thy-	
61	Diseases of the parathyroid gland	
62	Diseases of the thymus	
63	adrenals)	
64	adrenals) Diseases of the spleen Leukemia and Hodgkin's disease.	
65	0. Leukemia	
ca	1. Hodgkin's disease	
66 <b>67</b>	0. Leukemia 1. Hodgkin's disease Alcoholism (acute or chronic) Chronic poisoning by mineral sub-	
	stances	
	o. Chronic lead poisoning 1. Others	
68	Chronic poisoning by organic sub-	
69	Other general diseases	
	0. Acidosis	
	z. Autointoxications	
	3. Hemophilia4. Purpura hemorrhagica	İ
	5. Others	

111	Diseases of the Nervous Systemand Organs of Special Sense.	e ma
70 71	Encephalitis Meningitis 0. Simple	
72	Meningitis  0. Simple	
73	dorsalis)	
	Bulbar paralysis (Duchenne's disease)     Paralysis agitans (Parkingara)	
	1. Paralysis agitans (Parkin- son's disease)	
	son's disease)  2. Acute ascending spinal paralysis (Landry's disease).  3. Myelitis	
74	4. Others	1
	v. Cerebral nemorrnage	7
75	Paralysis (without specified cause)  O. Hemiplegia  Coneral paralysis (of the insane)  Other forms of mental alianation	
76	1. Other forms of paralysis General paralysis (of the insane)	
77 78	Other forms of mental alienation.	
79	Convulsions (non - puerperal) (5	
80	Other forms of mental allenation. Epilepsy Convulsions (non - puerperal) (5 years and over) Infantile convulsions (under five years of age).	0
81	Chorea	2
	1. Hysteria and neuralgia	
82	Chorea  O. Chorea  Hysteria and neuralgia Neuritis Softening of the brain Other diseases of the nervous sys-	
83	Other diseases of the nervous system	
84	Diseases of the organs of vision and adnexa except gonococcal infec-	
	tion, No. 42  0. Diseases of the eye (except tumor)  1. Follicular conjunctivitis  2. Trachoma	
	tumor)	
	2. Trachoma 3. Tumors of the eye 4. Other diseases of the eye or	
	4. Other diseases of the eye or	
85	Diseases of the organs of hearing	
	4. Other diseases of the eye or its adnexa  Diseases of the organs of hearing and the mastoid process  0. Diseases of the ear  1. Diseases of the mastoid process	
	process	
IV.	-Diseases of the Circulatory Syste	m
86 87	Pericarditis Acute endocarditis and myocarditis	
	0. Acute endocarditis	1
88 89	Angina pectoris	3
-	0. Chronic endocarditis	1
	Angina pectoris Other diseases of the heart  O. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of the heart	4
90	Aneurism Atheroma and other diseaser of the	5
91 92	Atheroma and other diseaser of the arteries  Embolism and thrombosis (except	1
93	cerebral)	
94	cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.)	
95	(lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the cir-	
,,	cause: other diseases of the cir-	
V	culatory system.  Diseases of the Respiratory System  Diseases of the nasal fossae and	20.
96	Diseases of the nasal fossae and their adnexa	
	their adnexa  0. Diseases of the nasal fossae 1. Others	
97	1. Others Diseases of the larynx (except tuberculosis and cancer	
98		3
	1. Chronic	,
	5 years of age.  Not otherwise defined under break and over  Broncho pneumonia (including capillary bronchitis)  Broncho pneumonia  Capillary bronchitis	
99	Broncho pneumonia (including cap-	
	illary bronchitls)  0. Broncho pneumonia	7
100	1 110011101110	
	1. Not otherwise specified	2
101	Pleurisy  O. Pleurisy  1. Empyema of theracic cavity	

-			
102	Congestion or parenchymatous hem-	2. Other accidents of preg-	2. Carbolic acid
	orrhage of the lung	nancy	a. Cocaine
103		144 Puerperal hemorrhage	4. Lysol
104		145 Other accidents of childbirth  0. Cesarian section	5. Opium (morphine) 6. Wood alcohol
	Other diseases of the respiratory	1. Other surgical operations	7. Others
	system (tuberculosis excepted)	and instrumental delivery	8. Not specified or unknown
	0. Chronic interstitial pneumo-	2. Others	178 Conflagration
	nia (including occupational diseases of the lung)	146 Puerperal septicemia	flagration excepted)
	1. Diseases of the mediasti-	embolism or sudden puerperal	0. Stoves
	num	death	1. Lamps
	2. Others	148 Puerperal albuminuria or convul- sions	2. Steam
VI	Diseases of the Digestive System.	149 Childbirth (without other explana-	4. Matches
	Diseases of the mouth and adnexa.	tion)	5. Bontires
101	0. Diseases of the teeth and	150 Puerperal diseases of the breast	6. Others
	gums	IXDiseases of the Skin or Cellular	7. Unknown
	1. Other diseases of the buccal	_	0. Foreign body in larynx
108	cavity and adnexa  Diseases of the pharynx and tonsils	Tissue.	1. Overlying
100	(includes adenoids)	151 Gangrene	2. Others
	0. Streptoccic sore throat	152 Boil, carbuncle, furuncle	able or poisonous gas
	1. Ludwig's angina	153 Phlegmon, acute abscess	0. Illuminating gas
	3. Adenoids	154a Tinea and alopecia (morbidity only)	1. Chloroform or ether
	4. Others	154b Pruritis (morbidity only)	2. Coal gas
	Diseases of the esophagus	155 Other diseases of the skin and its	4. Sewer gas
110	Ulcer of the stomach and duode- num	adnexa	5. Other gases
	0. Ulcer of the stomach	X.—Diseases of the Bones and Organs	6. Unknown
	1. Ulcer of the duodenum		182 Accidental drowning
111	Other diseases of the stomach (can-	of Locomotion.	1 Others
	cer excepted	156 Diseases of the bones (tubercu-	183 Accidental injury by firearms
	1. Gastritis	losis excepted)	183 Accidental injury by firearms (wounds of war excepted)  184 Accidental injury by cutting or
	2. Stricture or stenosis of py-	157 Diseases of the joints (tuberculosis and rheumatism excepted)	
	lorus 1	158 Other diseases of the bones or or-	185 Accidental injury by falls
112	3. Others 2 Diarrhea and enteritis (under 2 years of age)	gans of locomotion	U. Down shafts, hatchways,
	years of age)	XIMalformations.	holds of vessels
113	Diarrhea and enteritis (2 years and		2. From buildings
114	over) Ankylostomiasis	159 Congenital malformations (still- births excepted)	3. From fire-escapes
	Diseases due to other intestinal	0. Hydrocephalus 4	4. From scaffolds
	parasites	1. Malformations of the heart 2	6. From vehicles
	liver excepted)	2. Others	I. On streets, sidewalks, etc
	1. Trematodes	XII.—Diseases of Early Infancy.	9. Other falls
	2. Nematodes (other than ankylostoma)	160 Congenital debility, icterus and	quarries
	3. Coccidia	sclerema	0. In mines
	4. Other parasites 5. Parasites not specified	0. Marasmus	1. In quarries
444		1. Inanition	0. Deaths by machinery
117		2. lcterus	1. Deaths by elevators
	0. Hernia	4. Others	188 Accidental traumatism by other crushing (vehicles, railways,
4.41	1. Intenstinal obstruction 4	161 Premature birth, or consequence of	landslides, etc.)
111	8 Other diseases of the intestines 0. Diseases of the anus and	labor 3	0. Run over by wagons, trucks,
	stercoral fistulae	1. Injury at birth 5	etc
	1. Other diseases of the intes-	162 Other diseases peculiar to early in-	2. Run over by other vehicles
119	9 Acute yellow atrophy of the liver	fancy 0. Asphyxia neonatorum	3. Run over by electric surface
12	O Hydatid tumor of the liver	1. Atelectasis 1	cars
12	1 Cirrhosis of the liver	2. Umbilical infection	cars
	1. Not returned as alcoholic	3. Umbilical hemorrhage 4. Others	5. Run over by elevated rail-
12	2 Biliary calculi 1	163 Lack of care	road cars
12:	Other diseases of the liver 1 Diseases of the pancreas except	XIII.—Old Age.	7. Crushed by falling bodies 8. Crushed by derricks, stones,
	cancer 1	_	
	5 Peritonitis of unstated cause	164 Old age (senility)	etc
12	6 Other diseases of the digestive system (cancer and tuberculosis	XIV.—External Causes.	189 Injuries by animals (not poisoning)
	excepted)	165 Suicide by solid or liquid poisons	190 Wounds received in war
3.7		(corrosive substances excepted)	erent armies
V	II.—Non-Venereal Diseases of the	0. Opium, morphine	erent armies 192a Excessive labor
	Genito-Urinary System and	2. Chloroform (ether)	192b Starvation (deprivation of food or
	its Adnexa.	3. Others	water) 193 Excessive cold
12	7 Acute nephritis (including unspeci-	166 Suicide by corrosive substances  0. Arsenic (paris green)	194 Excessive heat
	fied under 10 years of age) 8 Chronic nephritis (including un-	1. Bichloride of mercury	195 Lightning
12	specified over 10 years of age 2	2. Carbolic acid	197 Homicide by firearms
12	9 Chyluria	3. Cyanides (prussic acid) 4. Oxalic acid	198 Homicide by cutting or piercing in-
13	9 Chyluria 0 Other diseases of the kidneys and	5. Muriatic acid (hydrochloric	struments
	their adnexa (diseases of the kidney in pregnancy excluded)	acid)	200 Infanticide (murder of infants less
13		6. Other corrosive poisons	than 1 year of age)
13	1 Calculi of the urinary passages 1	167 Suicide by poisonous gas	COA ET
19	1 Calculi of the urinary passages 1 2 Diseases of the bladder (except	167 Suicide by poisonous gas  0. Illuminating gas	261 Fracture (cause not specified)
	1 Calculi of the urinary passages 1 2 Diseases of the bladder (except	167 Suicide by poisonous gas 0. Illuminating gas 1. Chloroform	261 Fracture (cause not specified) Dislocations
13	1 Calculi of the urinary passages 1 2 Diseases of the bladder (except tumors) 3 Diseases of the urethra, urinary abcess, etc.	167 Suicide by poisonous gas  0. Illuminating gas	201 Fracture (cause not specified) Dislocations Sprains 2. Fractures (cause unspeci-
13	1 Calculi of the urinary passages 1 2 Diseases of the bladder (except tumors) 3 Diseases of the urethra, urinary abcess, etc	167 Suicide by poisonous gas	201 Fracture (cause not specified) Dislocations Sprains 2. Fractures (cause unspeci-
	1 Calculi of the urinary passages 1 2 Diseases of the bladder (except tumors) 3 Diseases of the urethra, urinary abcess, etc. 0. Stricture of the urethra 1. Others	167 Suicide by poisonous gas	201 Fracture (cause not specified) Dislocations Sprains 2. Fractures (cause unspecified) 202 Other external violence 0. Criminal abortion
13	1 Calculi of the urinary passages 1 2 Diseases of the bladder (except tumors) 3 Diseases of the urethra, urinary abcess, etc	167 Suicide by poisonous gas  0. Illuminating gas  1. Chloroform  2. Coal gas  3. Others  168 Suicide by hanging or strangulation 169 Suicide by drowning  0. Rivers, etc	201 Fracture (cause not specified) Dislocations Sprains 2. Fractures (cause unspecified) 202 Other external violence 0. Criminal abortion
13	1 Calculi of the urinary passages 1 2 Diseases of the bladder (except tumors) 3 Diseases of the urethra, urinary abcess, etc	167 Suicide by poisonous gas  0. Illuminating gas  1. Chloroform  2. Coal gas  3. Others  168 Suicide by hanging or strangulation 169 Suicide by drowning  0. Rivers, etc.  1. Others  170 Suicide by firearms	261 Fracture (cause not specified) Dislocations Sprains 2. Fractures (cause unspecified)  202 Other external violence 0. Criminal abortion 1. Explosions 2. Salvarsan injection
13 13	1 Calculi of the urinary passages 1 2 Diseases of the bladder (except tumors) 3 Diseases of the urethra, urinary abcess, etc 0. Stricture of the urethra 1. Others 4 Diseases of the prostate (except tumors) 18 Non-venereal diseases of the male genital organs	167 Suicide by poisonous gas  0. Illuminating gas  1. Chloroform  2. Coal gas  3. Others  168 Suicide by hanging or strangulation 169 Suicide by drowning  0. Rivers, etc.  1. Others  170 Suicide by firearms  171 Suicide by cutting or piercing in-	261 Fracture (cause not specified) Dislocations Sprains 2. Fractures (cause unspecified) fied) 202 Other external violence 0. Criminal abortion 1. Explosions 2. Salvarsan injection 3. Other medicaments (injection)
13 13	1 Calculi of the urinary passages 1 2 Diseases of the bladder (except tumors) 3 Diseases of the urethra, urinary abcess, etc 0. Stricture of the urethra 1. Others 4 Diseases of the prostate (except tumors) 8 Non-venereal diseases of the male genital organs 16 Cysts and other benign tumors of	167 Suicide by poisonous gas.  0. Illuminating gas 1. Chloroform 2. Coal gas 3. Others 168 Suicide by hanging or strangulation 169 Suicide by drowning 0. Rivers, etc. 1. Others 170 Suicide by firearms. 171 Suicide by cutting or piercing instruments	261 Fracture (cause not specified) Dislocations Sprains 2. Fractures (cause unspecified) fied) 202 Other external violence 0. Criminal abortion 1. Explosions 2. Salvarsan injection 3. Other medicaments (injection) 4. Other external violence
13 13 13	1 Calculi of the urinary passages 1 2 Diseases of the bladder (except tumors) 3 Diseases of the urethra, urinary abcess, etc 0. Stricture of the urethra 1. Others 4 Diseases of the prostate (except tumors) 18 Non-venereal diseases of the male genital organs 6 Cysts and other benign tumors of the ovary 7 Salpingitis or pelvic absecss	167 Suicide by poisonous gas.  0. Illuminating gas 1. Chloroform 2. Coal gas 3. Others 168 Suicide by hanging or strangulation 169 Suicide by drowning 0. Rivers, etc. 1. Others 170 Suicide by firearms. 171 Suicide by grearms. 172 Suicide by jumping from high places	201 Fracture (cause not specified).  Dislocations Sprains  2. Fractures (cause unspecified) fied)  202 Other external violence 0. Criminal abortion 1. Explosions 2. Salvarsan injection 3. Other medicaments (injection) 4. Other external violence tion)  4. Other external violence at Other medicaments 4. Other external violence 4. Other deaths of which the cause
13 13 13 13	1 Calculi of the urinary passages 1 2 Diseases of the bladder (except tumors) 3 Diseases of the urethra, urinary abcess, etc	167 Suicide by poisonous gas.  0. Illuminating gas 1. Chloroform 2. Coal gas 3. Others 168 Suicide by hanging or strangulation 169 Suicide by drowning 0. Rivers, etc. 1. Others 170 Suicide by firearms. 171 Suicide by cutting or piercing instruments 172 Suicide by jumping from high places 173 Suicide by crushing	261 Fracture (cause not specified) Dislocations Sprains 2. Fractures (cause unspecified) fied) 202 Other external violence 0. Criminal abortion 1. Explosions 2. Salvarsan injection 3. Other medicaments (injection) 4. Other external violence
13 13 13 13 13 13	1 Calculi of the urinary passages 1 2 Diseases of the bladder (except tumors) 3 Diseases of the urethra, urinary abcess, etc 0. Stricture of the urethra 1. Others 4 Diseases of the prostate (except tumors)	167 Suicide by poisonous gas.  0. Illuminating gas 1. Chloroform 2. Coal gas 3. Others 168 Suicide by hanging or strangulation 169 Suicide by drowning 0. Rivers, etc. 1. Others 170 Suicide by firearms. 171 Suicide by cutting or piercing instruments 172 Suicide by jumping from high places 173 Suicide by crushing 174 Other suicides	201 Fracture (cause not specified).  Dislocations Sprains  2. Fractures (cause unspecified) fied)  202 Other external violence 0. Criminal abortion 1. Explosions 2. Salvarsan injection 3. Other medicaments (injection) 4. Other external violence tion)  4. Other external violence at Other medicaments 4. Other external violence 4. Other deaths of which the cause
13 13 13 13 13	1 Calculi of the urinary passages 1 2 Diseases of the bladder (except tumors) 3 Diseases of the urethra, urinary abcess, etc	167 Suicide by poisonous gas.  0. Illuminating gas 1. Chloroform 2. Coal gas 3. Others 168 Sulcide by hanging or strangulation 169 Suicide by drowning 0. Rivers, etc. 1. Others 170 Suicide by frearms. 171 Suicide by cutting or piercing instruments 172 Suicide by jumping from high places 173 Suicide by crushing 174 Other suicides 175 Poisoning by food 0. Mushrooms	261 Fracture (cause not specified) Dislocations Sprains 2. Fractures (cause unspecified) fied) 202 Other external violence 0. Criminal abortion 1. Explosions 2. Salvarsan injection 3. Other medicaments (injection) 4. Other external violence Violent deaths of which the cause is unknown  XV.—Ill-Defined Diseases.
13 13 13 13 13 13 14 14	1 Calculi of the urinary passages 1 2 Diseases of the bladder (except tumors) 3 Diseases of the urethra, urinary abcess, etc 0. Stricture of the urethra 1. Others 4 Diseases of the prostate (except tumors). 8 Non-venereal diseases of the male genital organs 16 Cysts and other benign tumors of the ovary 17 Salpingitis or pelvic absecss 18 Benign tumors of the uterus 19 Non-puerperal uterine hemorrhage. 10 Metritis 11 Other diseases of the female genital organs	167 Suicide by poisonous gas.  0. Illuminating gas 1. Chloroform 2. Coal gas 3. Others 168 Suicide by hanging or strangulation 169 Suicide by drowning 0. Rivers, etc. 1. Others 170 Suicide by firearms. 171 Suicide by cutting or piercing instruments 172 Suicide by jumping from high places 173 Suicide by crushing 174 Other suicides 175 Poisoning by food 0. Mushrooms 1. Shell fish	201 Fracture (cause not specified).  Dislocations Sprains  2. Fractures (cause unspecified) fied)  202 Other external violence 0. Criminal abortion 1. Explosions 2. Salvarsan injection 3. Other medicaments (injection) 4. Other external violence 1503 Violent deaths of which the cause is unknown  XV.—Ill-Defined Diseases.  204 Sudden death
13 13 13 13 13 13 14 14	1 Calculi of the urinary passages 1 2 Diseases of the bladder (except tumors) 3 Diseases of the urethra, urinary abcess, etc	167 Suicide by poisonous gas.  0. Illuminating gas 1. Chloroform 2. Coal gas 3. Others 168 Suicide by hanging or strangulation 169 Suicide by drowning 0. Rivers, etc. 1. Others 170 Suicide by firearms. 171 Suicide by cutting or piercing instruments 172 Suicide by jumping from high places 173 Suicide by crushing 174 Other suicides 175 Poisoning by food 0. Mushrooms 1. Shell fish 2. Pork sausages 3. Others	201 Fracture (cause not specified).  Dislocations Sprains 2. Fractures (cause unspecified) fied) 202 Other external violence 0. Criminal abortion 1. Explosions 2. Salvarsan injection 3. Other medicaments (injection) 4. Other external violence tion) 4. Other external violence is unknown  XV.—Ill-Defined Diseases.  204 Sudden death 205 Cause of death not specified or ill-defined
13 13 13 13 13 13 14 14	1 Calculi of the urinary passages 1 2 Diseases of the bladder (except tumors) 3 Diseases of the urethra, urinary abcess, etc	167 Suicide by poisonous gas.  0. Illuminating gas 1. Chloroform 2. Coal gas 3. Others 168 Suicide by hanging or strangulation 169 Suicide by drowning 0. Rivers, etc. 1. Others 170 Suicide by firearms. 171 Suicide by cutting or piercing instruments 172 Suicide by jumping from high places 173 Suicide by crushing 174 Other suicides 175 Poisoning by food 0. Mushrooms 1. Shell fish 2. Pork sausages 3. Others	261 Fracture (cause not specified).  Dislocations Sprains  2. Fractures (cause unspecified) fied)  202 Other external violence 0. Criminal abortion 1. Explosions 2. Salvarsan injection 3. Other medicaments (injection) 4. Other external violence tion) 4. Other external violence is unknown  XV.—Ill-Defined Diseases.  204 Sudden death 205 Cause of death not specified or ill-defined 0. Ill-defined or not specified.
13 13 13 13 13 13 14 14	1 Calculi of the urinary passages 1 2 Diseases of the bladder (except tumors) 3 Diseases of the urethra, urinary abcess, etc	167 Suicide by poisonous gas.  0. Illuminating gas  1. Chloroform  2. Coal gas  3. Others  168 Sulcide by hanging or strangulation  169 Suicide by drowning  0. Rivers, etc.  1. Others  170 Suicide by firearms.  171 Suicide by cutting or piercing instruments  172 Suicide by cutting or piercing instruments  173 Suicide by cutting or piercing instruments  174 Other suicides  175 Poisoning by food  0. Mushrooms  1. Shell fish  2. Pork sausages  3. Others  176 Poisoning by venomous animals.  177 Other acute accidental poisonings	261 Fracture (cause not specified).  Dislocations Sprains  2. Fractures (cause unspecified) fied)  202 Other external violence 0. Criminal abortion 1. Explosions 2. Salvarsan injection 3. Other medicaments (injection) 4. Other external violence ros Violent deaths of which the cause is unknown  XV.—Ill-Defined Diseases.  204 Sudden death 205 Cause of death not specified or ill-defined 0. Ill-defined or not specified. 1. No disease; malingering.
13 13 13 13 13 13 14 14	1 Calculi of the urinary passages 1 2 Diseases of the bladder (except tumors) 3 Diseases of the urethra, urinary abcess, etc	167 Suicide by poisonous gas.  0. Illuminating gas 1. Chloroform 2. Coal gas 3. Others 168 Suicide by hanging or strangulation 169 Suicide by drowning 0. Rivers, etc. 1. Others 170 Suicide by firearms. 171 Suicide by cutting or piercing instruments 172 Suicide by jumping from high places 173 Suicide by crushing 174 Other suicides 175 Poisoning by food 0. Mushrooms 1. Shell fish 2. Pork sausages 3. Others	261 Fracture (cause not specified).  Dislocations Sprains  2. Fractures (cause unspecified) fied)  202 Other external violence 0. Criminal abortion 1. Explosions 2. Salvarsan injection 3. Other medicaments (injection) 4. Other external violence tion) 4. Other external violence is unknown  XV.—Ill-Defined Diseases.  204 Sudden death 205 Cause of death not specified or ill-defined 0. Ill-defined or not specified.

## CONTAGIOUS HOSPITAL REPORT FOR NOVEMBER, 1923

	Anterior Poliomyelitis Cerebro-Spinal	Chicken Pox Septic Sore	Diphtheria	Measles and Diphtheria	Scarlet Fever	Tonsilitis	Diphtheria and Ophthalmia Neonatorum	Pneumonia (Lobar)	Acute Meningitis	Mumps	Typhoid Fever	Whooping Cough	Influenza	Scarlet Fever and Diphtheria	Scabies	Total
Patients admitted Termination { Recovery	1	1	4		10 10							1				16 18
Death																

DEATHS BY AGES	6		
	Lotal	Males	Females
Under 1 day	4	3	1
1-2 days	1	0	1
20 44,0	1	0	1
	5	2	3
	1	0	1
2-3 weeks	0	0	0
3 weeks-1 month	2	2	0
1-2 months	3	0	3
2-3 months	4	2	2
3-6 months	5	3	2
6-9 months	1	0	1
9-12 months	2	1	1
1 year	3	1	2
	2	2	0
3 years	2	1	1
	0	0	0
5-9 years	2	1	1
	0	0	0
	3	0	3
	2	1	1
25-29 years	4	2	2
	5	1	4
	2	1	1
40-44 years	5	0	5
	6	2	4
	5	3	2
55-59 years1	0	6	4
	7	.2	5
	9	6	3
70-74 years	6	3	3
75-79 years	5	3	2
80-84 years	1	0	1
85-89 years	3	1	2
90-94 years	0	0	0
-	0	0	0
	0	0	0
Unknown	0	0	0
Total11	1	49	62

	DEATHS	BY WARDS	
1	***************************************		18
2	~		20
3	************		8
4	•••••	***************************************	5
5			5
6		******************	7
7			3
B		*******************	28
9			17

HOSPITALS
Fall River General Hospital 7
Union Hospital
Bay View Hospital 1
Truesdale Hospital10
Contagious Hospital
City Home
Home for Aged
STILL BIRTHS
Males 6
Females 8
Unknown
Total 14
10(a)14
NATIVITY
Fall River 54
Massachusetts 3
Other States 4
Ireland 9
Canada
England
Scotland 1
Germany
Azores 7
Austria 1
France
Belgium
Russia
Portugal 1
Italy 2
Poland
Denmark
Australia
Sweden
Spain
Bohemia
Brazil
Cape Verde Islands
Syria
Unknown

CEMETERIES
Oak Grove       16         North Burial Ground       6         St. John's       1         St. Mary's       1         St. Patrick's       28         Notre Dame       48         Nwoo Hill       2         Agedas Aham       2         Our Lady of Light       3         St. Mary's Polish       3         Sent away for interment       9         Brought here for interment       26
SEX
Male
COLOR
White111 Colored
CONDITION Married43
Single         51           Widowed         17           Divorced         17           Unknown         17
There were 119 cases of contagious diseases reported for Nov., viz:
Diphtheria
Measles1Ophthalmia Neonatorum13Suppurative Conjunctivitis1Chicken Pox14Anterior Poliomyelitis1Cerebro-Spinal Meningitis1
Influenza         3           Septic Sore Throat         1           Mumps         2           German Measles         1           Lethargica Encephalitiis         1           Dysentery Bacillary         1           Gonnorrhea         1
Syphilis 4

The following is the number of contagious diseases reported in each ward: 1--18 2--15 3-15 4--17 5--15 6-12

Estimating the population at 130,043, 111 deaths would give an annual death rate of 10.24 in 1,000 This is 11 less than last month and 70 less than the same month in 1922.

Deaths of non-residents.....9.

FRANK L. LARKIN, Secretary.

8-9 9-15

7-3



- OF THE-

## BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS.

SAMUEL B. MORRISS, AGENT.

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VOLUME X

JANUARY 1924

NUMBER 1

## SOME PRELIMINARY FIGURES OF 1923

It is gratifying to report that during the year just past the number of deaths recorded was the lowest since 1890. In that year there were 1656 deaths, just one less than in 1923, and with an estimated population of 75,000, the death rate per thousand of population was 22.08, as compared with 1657 deaths, an estimated population of 130,043 and a rate of 12.74 for the year just closed. There were 279 less deaths in the city in 1923 than there were in 1922, the decrease being due mainly to the decrease both in the number of deaths from communicable disease and the number of deaths of infants under one year of age. The deaths for communicable disease in 1922 were 394 and in 1923 295, a decrease of 99. The deaths under five years and under one year of age were 679 and 448 in 1922 and 467 and 337 in 1923, respectively. This is the smallest number of deaths of infants recorded in many years and with a continuation and extension of the work inaugurated during the past year we are hopeful that in the near future we will lower these figures considerably.

The number of Pulmonary and Laryngeal Tuberculosis cases reported 223 was greater in 1923 than in 1922 and 1921 when there was 201 and 213 reported, but was seven less than the number reported in 1920. The number of deaths for 1923 was 122, for 1922-111, 1921-93, 1920-103, 1919-134. This we do not believe indicates that the disease is on the increase. The increase in cases reported is due to a more careful check up in old cases that had been declared arrested some time ago but are again active. Since the first of June we have had an additional Tuberculosis nurse and as a result, old cases can be followed up better and the number of cases both new and old examined at the Tuberculosis Dispensary has greatly increased. There were fewer cases reported and deaths recorded of Tuberculosis, other forms, the figures being 30 and 25 for 1922 and 26 and 21 for 1923.

There were 66 less cases and 32 less deaths from Diphtheria in 1923 than in 1922, the figures being 332 cases and 53 deaths in 1922 and 246 cases and 21 deaths in 1923. Some credit for the decrease both in cases and deaths we feel sure is due to the Schick Testing and immunizing which has been done in our schools by the physicians of the department and we are sure that the results would have been and will be more gratifying when parents generally take advantage of the opportunity of having their children protected against this disease.

There was an increase of 57 in the number of cases of Scarlet Fever reported over 1922 but the number of deaths resulting was the same-4, the number of cases reported being the largest since 1914 when 340 cases were reported, for 1923 there were 222 cases and 4 deaths.

The most pleasing feature of our Communicable Disease situation is the fact that but 29 cases of Typhoid Fever were reported during the year as compared with 45 in 1922, 77 in 1921, and 118 in 1920. There were five deaths recorded, an increase of one over 1922, however, one of the deaths was a resident of Rehoboth who was treated in a local hospital and so really there was no increase in the number of deaths.

There was a drop of approximately fifty percent in the number of cases and deaths of Measles as compared with the previous year. Most of the cases and deaths occurred during the first three months of the year, the figures being 1248 cases and 53 deaths for 1922 and 537 cases and 27 deaths during 1923. Three cases of German Measles were reported during 1923 but there were no deaths.

The number of cases of Lobar Pneumonia, 97 with 39 deaths were the lowest since 1917 when the cases reported were 13 and deaths 21, but as the disease was not declared reportable until late in that year it is reasonable to say that the figures for 1923 are the lowest since Lobar Pneumonia was added to the reportable diseases.

There were 130 cases of Chicken Pox reported in 1923, 61 more than in 1922 and the largest number ever reported in any year since the disease was first made reportable in 1908, with the exception of 1919 when there were 170 cases of the disease recorded, no deaths resulted however. But a very few cases of Mumps were reported, 17 as compared with 108 in 1922.

The number of cases of Whooping Cough reported increased nearly one hundred percent, 88 being the number in 1922 and 155 in 1923, but there was a decrease of 2 in the number of deaths, 16 and 14 being the figures.

Of the rarer diseases Anterior Poliomyelitis had 6 cases and 2 deaths, Cerebro-Spinal Meningitis 9 cases and 4 deaths, Tetanus 2 cases and 2 deaths, Lethargic Encephalitis 4 cases and 2 deaths for 1923 as compared with 12 cases and 1 death, 14 cases and 7 deaths, 1 case and 1 death and 4 cases and 3 deaths respectively for 1922.

There were 39 cases of Influenza and 28 deaths for 1923, a decrease from 256 cases and 47 deaths for 1922.

# MORTALITY FOR THE MONTH OF DECEMBER, 1923

	.—Endemic or Infectious Diseases.	
, a		
1	Typhoid fever (abdominal typhoid and para-typhoid)	2
2	1. Paratyphold fevers	
3	Relapsing fever (spirillum obermei-	
4 6	Typhus fever (exanthematous) Relapsing fever (spirillum obermeieri) Melito—coccosis (Malta fever) Malarial fever or cachexia 0, Malarial fever 1, Malarial cachexia Smallpox Measles Scarlet fever Whooping cough Diphtheria Influenza ('omplications: 0, Pneumonia	
·	0. Malarial fever	
6	Smallpox	
7 8	Measies	1
10	Whooping cough	2
11	Influenza	
	Complications: 0. Pneumonia 1. Bronchitis 2. Heart diseases 3. Nephritis 4. Meningitis 5. Gastro intestinal 6. Puerperal	
	2. Heart diseases	
	4. Meningitis	
	Of the second persons and the second persons and the second persons are second persons and the second persons are second person	
12	7. Others	
13	Mumps	
15	Asiatic cholera	
16		
	1. Bacillary	
	Dysentery  0. Amebic  1. Bacillary  2. Unspecified or due to other causes	
17	Plague	
	1. Preumonic	
	Plague  0. Bubonic 1. Pneumonic 2. Septicemio 3. Unspecified	
18 19	Yellow fever	
20		
22	Erysipelas  Acute poliomyelitis  Encephalitis lethargica	
24 25	Epidemic cerebro-spinal meningitis	1
	Encephalitis lethargica Epidemic cerebro-spinal meningitis. Other epidemic diseases  0 Varicella 1. Rubella 2. Septic Sore Throat	
0.2	2. Septic Sore Throat	
26 27	Purulent or septicemic infection Glanders and farcy. Malignant pustule (anthrax) Rabies	
28 29	Rabies	
30 31	Tetanus	
32	Tuberculosis of the respiratory system	7
33	Tuberculosis of the meninges or of the central nervous system	
34	Tetanus Mycoses Tuberculosis of the respiratory system Tuberculosis of the meninges or of the central nervous system Tuberculosis of the intestines or peritoneum	
35 36	peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints. Tuberculosis of other organs and	
37	Tuberculosis of other organs and structures	
	Tuberculosis of the skin or subcutaneous cellular tissue     Tuberculosis of the bones	
	(except vertebral column).  Tuberculosis of the lymphatic system (except the	
	mesenteric and retroper-	
	itoneal glands)  3. Tuberculosis of the genito- urinary system	
	4. Tuberculosis of other organs	
38	Disseminated tuberculosis  0. Acute (including miliary tu-	
	berculosis of the lungs, ex- cept that specified as	
	chronic or pulmonary)  1. Chronic	1
39	Syphilis (includes syphilic infection	
	of any organ, tissue or structure of the body)  0. Primary	
	0. Primary	
	2. Tertiary	1
40	4. Period not specified Soft chancre (used for morbidity	
41	statistics only) Gonococcal infection except that of	
42	the eye or adnexa  Gonococcal ophthalmia	

I	IGeneral Diseases Not Included	
	Above.	
43	Cancer or other malignant tumors of the buccal cavity	
	0. Cancer of the lip	
	1. Cancer of the tongue	
	2. Cancer of the mouth	
	4. Others	
44	Cancer or other malignant tumors	
	of the stomach and liver	
	1. Cancer of the esophagus	
	2. Cancer of the stomach	2
	3. Cancer of the liver and gall	
45	Cancer or other malignant lumors	
	of the peritoneum, intestines and	
	rectum	
	0. Cancer of the mesentery and peritoneum 1. Cancer of the intestines (except rectum) 2. Cancer of the rectum and annus 3. Others Cancer or other malignant tumors of the female genital organs 0. Cancer of the ovary and fallopian tubes 1. Cancer of the uterus 2. Cancer of the vagina and vulva 3. Others Cancer or other malignant tumors Cancer or other malignant tumors	
	1. Cancer of the intestines (ex-	
	cept rectum)	
	annus	
	3. Others	
46	Cancer or other malignant tumors	
	0 Cancer of the overv and	
	fallopian tubes	
	1. Cancer of the uterus	2
	2. Cancer of the vagina and	
	3. Others	
47	Cancer or other malignant tumors of the breast Cancer or other malignant tumors of the skin Cancer or other malignant tumors of other or unspecified organs 0. Cancer of the larynx 1. Cancer of the lung and pleura	
48	Of the breast	1
70	of the skin	1
49	Cancer or other malignant tumors	
	of other or unspecified organs	
	1. Cancer of the lung and	
	pleura	
	2. Cancer of the pancreas	
	3. Cancer of the kidneys and	1
	4. Cancer of the prostate	
	5. Cancer of the bladder	1
	6. Cancer of the brain	
	1. Cancer of the lung and pleura 2. Cancer of the pancreas 3. Cancer of the kidneys and suprarenals 4. Cancer of the prostate 5. Cancer of the bladder 6. Cancer of the brain 7. Cancer of the bones (except jaw)	
	8. Cancer of the testes	
50	9. Others Benign tumors and tumors not returned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138).  0. Tumor of the brain	
	turned as malignant (except be-	
	nign or non-specified tumors of	
	0. Tumor of the brain	
	1. Tumor of thorax	
	2. Tumor of abdomen	
	4 Tumor of prostate	
	5. Tumor of other location	
51	Acute febrile articular rheumatism	
52	Chronic rheumatism or gout  0. Chronic rheumatism  1. Chronic gout	
	1. Chronic gout	
53	Pellagra Beri-beri	
54 55	Beri-beri	
56	Rickets	
57	Dialoctes	5
58	Anemia, Chlorosis  O. Pernicious anemia	
	1. Other anemias and chlorosis	
59	1. Other anemias and chlorosis Diseases of the pituitary gland Diseases of the thyroid gland	
60	0. Exophthalmic goitre	
	1. Other diseases of the thy-	
	1. Other diseases of the thy- roid gland	
61 62	Diseases of the parathyroid gland.  Diseases of the thymus	
63	Addison's disease (disease of the	
	Addison's disease (disease of the adrenals) Diseases of the spleen. Leukemia and Hodgkin's disease.	
64 65	Laukamia and Hadokin's disease	
00	0. Leukemia	
	1. Hodgkin's disease	
66 <b>67</b>	O. Leukemia I. Hodgkin's disease Alcoholism (acute or chronic) Chronic poisoning by mineral sub-	
07	stances	
	stances  0. Chronic lead poisoning 1. Others Chronic poisoning by organic substances	
68	Chronic poleoning by comple	
08	stances	
6r	Other general diseases	
	U. Acidosis	
	1. Amyloid degenerations 2. Autointoxications	
	3 Hemophilia	
	4. Purpura hemorrhagica	
	5. Others	

111.	-Diseases of the Nervous Systemand Organs of Special Sense.	9 III2
70	Encephalitis	
71	Meningitis  0. Simple 1. Non-epidemic cerebro - spin- al meningitis Progressive locomotor ataxia (tabes dorsalis)	
	1. Non-epidemic cerebro - spin-	
72	Progressive locomotor ataxia (tabes	
73	Other diseases of the spinal cord	
	Progressive locomotor ataxia (tabes dorsalis)  Other diseases of the spinal cord.  0. Bulbar paralysis (Duchenne's disease)  1. Paralysis agitans (Parkinson's disease)  2. Acute ascending spinal paralysis (Landry's disease).  3. Myelitis	
	1. Paralysis agitans (Parkin-	
	son's disease)	
	alysis (Landry's disease)	
	3. Myelitis	
74	4. Others	
	1. Cerebral thrombosis and em-	6
75	Paralysis (without specified cause) 0. Hemiplegia 1. Other forms of paralysis General paralysis (of the insane)	
	0. Hemiplegia	
76	General paralysis (of the insane).	
77 78	Other forms of mental alienation.	
79	Other forms of mental allenation. Epilepsy Convulsions (non-puerperal) (5 years and over)	
80	years and over)	
	Infantile convulsions (under five years of age)	
81	0. Chorea	
	Hysteria and neuralgia     Neuritis	
82	2. Neuritis	
83	Other diseases of the nervous system	
84	Diseases of the organs of vision and	
	adnexa except gonococcal infec- tion, No. 42	
	0. Diseases of the eye (except	
	tion, No. 42  0. Diseases of the eye (except tumor)  1. Follicular conjunctivitis  2. Trachoma	
	2. Trachoma 3. Tumors of the eye	
	4 Other discourse of the core	
85	Diseases of the organs of hearing	
	and the mastoid process	
	tits adnexa Diseases of the organs of hearing and the mastoid process  0. Diseases of the ear.  1. Diseases of the mastoid process	
	p100033	
IV	Diseases of the Circulatory Syste	200
87	Acute endocorditie and myocorditie	
	0. Acute endocarditis	2
88	Angina pectoris	5
89	0. Chronic endocarditis	Б
	Angina pectoris Other diseases of the heart O. Chronic endocarditis Chronic myocarditis Other chronic diseases of the heart	2
	the heart	3
90 91	Aneurism Atheroma and other diseaser of the arteries Embolism and thrombosis (except carehral)	
92	arteries	Б
	cerebral)	1
93	Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	
94	cerebral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.)	
95	(lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the cir-	
	cause; other diseases of the cir- culatory system.	
V	Diseases of the Respiratory System Diseases of the nasal fossae and	то.
96	Diseases of the nasal fossae and	
	their adnexa	
97	1. Others Diseases of the larynx (except	
98	Bronchitis  0. Acute 1. Chronic	3
	1. Chronic 2. Not otherwise defined under	
	b years of age	1
	years and over	1
99		
	0. Broncho pneumonia	6
100	illary bronchitis)  0. Broncho pneumonia  1. Capillary bronchitis  Pneumonia	1
	v. Lobar	2
101	1. Not otherwise specified	
	0. Pleurisy 1. Empyema of thoracic cavity	
	J OI GIOLEGIO GEVILY	

102 Congestion or parenchymatous hem- orrhage of the lung	2. Other accidents of preg-	2. Carbolic acid
orrhage of the lung	nancy 144 Puerperal hemorrhage I	3. Cocaine 4. Lysol
104 Asthma 1	145 Other accidents of childbirth	5. Opium (morphine)
105 Emphysema of the lung	0. Cesarian section	6. Wood alcohol
system (tuberculosis excepted)  0. Chronic interstitial pneumo-	and instrumental delivery	s. Not specified or unknown
nia (including occupational	2. Others	178 Conflagration
diseases of the lung)  1. Diseases of the mediasti-	147 Phlegmasia alba dolens, puerperal	flagration excepted)
num	embolism or sudden puerperal death 1	0. Stoves 1. Lamps
2. Others	148 Puerperal albuminuria or convul-	2. Steam
VIDiseases of the Digestive System.	149 Childbirth (without other explana-	4. Matches
107 Diseases of the mouth and adnexa.	tion)	5. Bonfires 1 6. Others 1
0. Diseases of the teeth and gums	IX.—Diseases of the Skin or Cellular	7. Unknown
gums Other diseases of the buccal cavity and adnexa		180 Accidental mechanical suffocation.  0. Foreign body in larynx
108 Diseases of the pharynx and tonsils	Tissue.	1. Overlying
(includes adenoids)	151 Gangrene 152 Boil, carbuncle, furuncle	2. Others
1. Ludwig's angina	153 Phlegmon, acute abscess	able or poisonous gas
2. Tonsilitis	154a Tinea and alopecia (morbidity only)	1. Chloroform or ether
4. Others 1 109 Diseases of the esophagus	154b Pruritis (morbidity only)	2. Coal gas
110 Ulcer of the stomach and duode-	155 Other diseases of the skin and its adnexa	4. Sewer gas
0. Ulcer of the stomach	XDiseases of the Bones and Organs	5. Other gases
1. Ulcer of the duodenum		182 Accidental drowning
111 Other diseases of the stomach (can- cer excepted	of Locomotion.	0. Rivers, ponds, etc
0. Indigestion	156 Diseases of the bones (tubercu-	183 Accidental injury by firearms (wounds of war excepted)
1. Gastritis	losis excepted)	184 Accidental injury by cutting or
lorus	losis and rheumatism excepted) 158 Other diseases of the bones or or-	piercing instruments
3. Others 112 Diarrhea and enteritis (under 2 years of age)	gans of locomotion	0. Down shafts, hatchways.
years of age) 9 113 Diarrhea and enteritis (2 years and	XI.—Malformations.	holds of vessels  1. Down stairs
over) 1	159 Congenital malformations (still-	2. From buildings
114 Ankylostomiasis	births excepted)	3. From fire-escapes
parasites	0. Hydrocephalus 1 1. Malformations of the heart 1	5. From windows
0. Cestodes (hydatids of the liver excepted)	2. Others	7. On streets, sidewalks, etc
1. Trematodes	XIIDiseases of Early Infancy.	9. Other falls
2. Nematodes (other than ankylostoma)	160 Congenital debility, icterus and	quarries
3. Coccidia	sclerema	0. In mines
5. Parasites not specified	0. Marasmus	187 Accidental traumatism by machines
116 Appendicitis and typhlitis 2 117 Hernia, intestinal obstruction	2. Icterus	0. Deaths by machinery 1. Deaths by elevators
0. Hernia	4. Others 1	188 Accidental traumatism by other crushing (vehicles, railways.
1. Intenstinal obstruction 118 Other diseases of the intestines	161 Premature birth, or consequence of labor	landslides, etc.)
0. Diseases of the anus and	0. Premature birth 3	0. Run over by wagons, trucks, etc.
stercoral fistulae	1. Injury at birth	1. Run over by automobiles
tines	fancy  0. Asphyxia neonatorum	<ol> <li>Run over by other vehicles</li> <li>Run over by electric surface</li> </ol>
120 Hydatid tumor of the liver	1. Atelectasis	cars
121 Cirrhosis of the liver	2. Umbilical infection 1 3. Umbilical hemorrhage	cars
1. Not returned as alcoholic 1	4. Others	5. Run over by elevated rail- road cars
123 Other diseases of the liver 2	163 Lack of care	6. Run over by subway cars
124 Diseases of the pancreas except cancer	XIII.—Old Age.	6. Run over by subway cars 7. Crushed by falling bodies 8. Crushed by derricks, stones,
125 Peritonitis of unstated cause	164 Old age (senility)	etc. 9. Other causes
126 Other diseases of the digestive system (cancer and tuberculosis	XIV.—External Causes.	189 Injuries by animals (not poisoning)
excepted)	165 Suicide by solid or liquid poisons (corrosive substances excepted)	190 Wounds received in war
VIINon-Venereal Diseases of the	0. Opium, morphine	erent armies
Genito-Urinary System and	1. Strychnine	192b Starvation (deprivation of food or
its Adnexa.	3. Others	water)
127 Acute nephritis (including unspecified under 10 years of age)	166 Suicide by corrosive substances  0. Arsenic (paris green)	194 Excessive heat
128 Chronic nephritis (including un-	1. Bichloride of mercury 2. Carbolic acid	196 Other accidental electric shocks
specified over 10 years of age 9	3. Cyanides (prussic acid)	197 Homicide by firearms
129 Chyluria 130 Other diseases of the kidneys and	4. Oxalic acid	struments
their adnexa (diseases of he kidney in pregnancy excluded, 1	acid)	199 Homicide by other means
131 Calculi of the urinary passages 132 Diseases of the bladder (except	6. Other corrosive poisons 167 Suicide by poisonous gas	than 1 year of age)
tumors)	0. Illuminating gas	201 Fracture (cause not specified)
193 Diseases of the urethra, urinary abcess, etc.	2. Coal gas	2. Fractures (cause unspeci-
0. Stricture of the urethra	3. Others	fled)
1. Other	169 Suicide by drowning	0. Criminal abortion
tumors )	0. Rivers, etc	1. Explosions 2. Salvarsan injection
135 Non-venereal diseases of the male genital organs	170 Suicide by firearms	3. Other medicaments (injec-
186 Cysts and other benign tumors of the ovary	struments	tion)
137 Salpingitis or pelvic absecss	172 Suicide by jumping from high places	203 Violent deaths of which the cause
138 Benign tumors of the uterus 139 Non-puerperal uterine hemorrhage.	173 Suicide by crushing	is unknown
140 Metritis	174 Other suicides	XVIll-Defined Diseases.
141 Other diseases of the female genital organs	0. Mushrooms 1. Shell fish	204 Sudden death
142 Non-puerperal diseases of the	2. Pork sausages	205 Cause of death not specified or ill-
breast (cancer excepted)	3. Others 176 Poisoning by venomous animals	defined
VIII.—The Puerperal State.	1 1// Other acute accidental poisonings	1. No disease; malingering 2. Surgical operation
148 Accidents of pregnancy	(gases excepted)	
1. Ectopic gestation	1. Bichloride of mercury	TOTAL 12

## CONTAGIOUS HOSPITAL REPORT FOR DECEMBER, 1923

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat	Diphtheria	Measles and Diphtheria	Scarlet Fever	Tonsilitis	Diphtheria and Ophthalmia Neonatorum	Pneumonia (Lobar)	Acute Meningitis	Mumps	Typhoid Fever	Whooping Cough	Influenza Pneumonia	Scarlet Fever with Chiken Pox	Scabies	Total
Patients admitted Termination { Recovery Death		1	1	****	8		8 9							1		1		19 18

#### DEATHS BY AGES

DEATHS BY AGE	2		
	Total	Males	Females
Under 1 day	3	2	1
1-2 days	1	1	0
2-3 days	1	0	1
3 days-1 week	2	0	2
1-2 weeks	1	0	1
2-3 weeks	0	0	0
3 weeks-1 month	1	0	1
1-2 months	3	2	1
2-3 months	2	1	1
3-6 months	8	2	6
6-9 months	0	0	0
9-12 months	2	2	0
1 year	4	4	0
2 years	1	1	0
3 years	0	0	0
4 years	0	0	0
5-9 years	2	1	1
10-14 years	2	1	1
15-19 years	1	0	1
20-24 years	2	2	0
25-29 years	4	4	0
30-34 years	0	0	0
35-39 years	6	3	3
40-44 years	11	8	3
45-49 years	2	2	0
50-54 years	2	1	1
55-59 years	9	3	6
60-64 years	8	3	5
65-69 years	11	6	5
70-74 years		5	6
75-79 years	16	10	6
80-84 years	4	2	2
85-89 years	1	0	1
90-94 years	0	0	0
95-99 years	0	0	0
100 +	0	0	0
Unknown	0	0	0
Total	21	67	54

### DEATHS BY WARDS

¥	٠		 •	• •	•	٠.											٠	٠	• •		۰	٠				٠	 	 			 		J	. 6	l
2		 						٠.							 				 				 								 		1	5	)
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4																	,						 					 						7	,
5															 				 				 					 					1	0	į
6										 					 								 											5	
7															 																			5	į
B																																	5	37	
9												 																	 				1	6	į

### HOSPITALS

Fall River General Hospital18
Union Hospital11
St. Anne's Hospital 1
Bay View Hospital
Truesdale Hospital 5
Contagious Hospital
City Home 6
Home for Aged 2
_

### STILL BIRTHS

Males	9
Females	5
Unknown	
Total	

NATIVITY	
Fall River	50
Massachusetts	6
Other States	.11
Ireland	. 8
Canada	.15
England	.13
Scotland	
Germany	. 1
Azores	.11
Austria	
France	
Belgium	
Russia	
Portugal	
Italy	
Poland	
Denmark	
Australia	
Sweden	
Spain	
Bohemia	
Brazil	
Cape Verde Islands	

### CEMETERIES

North Burial Ground

Oak Grove...

St. John's	1
St. Mary's	
St. Mary's St. Patrick's	$\tilde{32}$
Notre Dame	34
Nwoo Hill	
Agedas Aham	
Our Lady of Light	
St. Mary's Polish	
Sent away for interment	6
Brought here for interment	
	-
SEX	
Male	67
Female	54
COLOR	
White1	20
Colored	
CONDITION	
Married	37
Single	49
Widowed	
Divorced	2
Unknown	
7.47	
There were 145 cases of contagio diseases reported for Dec., viz:	us
Diphtheria	
Scarlet Fever	
Typhoid Fever	2
Tuberculosis of Lungs	12
Tuberculosis, other forms	
Whooping Cough	
Measles Ophthalmia Neonatorum	1
Suppurative Conjunctivitis	6
Chicken Pox	33
Anterior Poliomyelitis	00
Cerebro-Spinal Meningitis	1
Pneumonia, Lobar	4
Influenza	
Septic Sore Throat	2
Manna	0

The following is the number of contagious diseases reported in each ward:

Gonnorrhea..... Syphilis

Lethargica Encephalitiis

Dog Bite

1-31 2-8 3-8 4-17 5-13 6-26 7-6 8-18 9-18

Estimating the population at 130,043, 121 deaths would give an annual death rate of 11.17 in 1,000

This is 10 more than last month and 56 less than the same month in 1922.

Deaths of non-residents.....5.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.



- OF THE-

## BOARD OF HEALTH

CITY OF FALL RIVER

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SAMUEL B. MORRISS, AGENT.

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VOLUME X

FEBRUARY 1924

NUMBER 2

## WHOOPING COUGH

For the past few months an increasing number of cases of Whooping Cough have been reported. We are sure however that the number of cases recorded at this oflice, represents only a small number of the children who have been and are suffering from the effects of this disease. Because the average parent thinks of "Whooping Cough" as one of the "children's diseases" which it is necessary for all children to experience and that the sooner their children contract the disease and have it over with the better, it is extremely difficult to control. As the real seriousness of the disease is not appreciated by many parents, it is regarded lightly and the greater number of cases are not called to the attention of a physician and as a rule receive but little care or treatment. Because Whooping Cough is considered a necessary experience of childhood and its seriousness not fully understood, it is an extremely difficult disease to control, as not only will some parents carelessly and deliberately expose their children to the danger of contracting the disease but also when their youngsters are affected will allow the infection to be passed on to the children of their neighbors by allowing the sick ones to mingle with well-children.

The mortality rate of this disease is especially high in children of less than five years of age and it is estimated that nearly two thirds of the cases reported as ill with Whooping Cough are children who come within this age group. During the past year, in our city, there were fourteen children who died from Whooping Cough, all of whom were less than five years of age. In addition to the deaths directly due to this disease, the after effects are to be feared. The paroxysms of coughing place a severe strain upon the system of the youngster and as a result there is apt to be serious affection of the eyes, heart, lungs, kidneys and digestive organs. Pneumonia is a frequent complication of Whooping Cough and because of the lowered resistance due to the se-

vere spells of coughing the little patient is in such condition that there is very slight hope for his recovery.

Whooping Cough like the other "children's diseases" usually starts with a slight cold, cough and fever. The characteristic "whoop" does not become evident until a week or two after exposure; it is practically impossible to diagnose it in the early stage. During this time, however the disease is highly infectious and the danger of it spreading is greatest. Droplet infection is the mode in which it is transmitted, the droplet containing the organisms being thrown off during the spells of coughing. The organism is very short lived outside the body and only those who do come in close contact with cases of the disease are in danger of being infected, and so the necessity for keeping those ill away from others is apparent.

People who consider Whooping Cough lightly would never think of saying, "well it is only diptheria" or "only scarlet fever", still the number of deaths of children less than five years of age during the past year from Diphtheria was only one more than the number caused by Whooping Cough and the fourteen deaths for this age group from Whooping Cough was nearly five times as great as the deaths from Scarlet Fever which were three.

Whooping Cough is indeed serious and parents should so consider it. Play fair with your child and your neighbor's children. Watch them carefully if they have a cough or cold, especially if there is Whooping Cough in the neighborhood. If you think that your youngster has Whooping Cough keep him from coming in contact with other children, away from public gatherings and places where children are present, and call the doctor at once.

# MORTALITY FOR THE MONTH OF JANUARY, 1924

I	.—Endemic or Infectious Diseases.	
1	Typhoid fever (abdominal typhoid	
_	and para-typhoid)	
	1. Paratyphoid fevers	
2	Typhus fever (exanthematous) Relapsing fever (spirillum obermei-	
	Ori)	
<b>4</b> 5	Melito—coccosis, (Malta fever)	
	0. Malarial fever	
6	Smallpox	
7 8	Measles	
9	Whooping cough	3
10 11	Diphtheria Influenza	5
	Complications: 0. Pneumonia	1
	1. Bronchitis	
	2. Heart diseases	
	4. Meningitis	
	5. Gastro intestinal	
	7. Others	1
12	Miliary fever	
14 15	Asiatic cholera	
	eritis)	
16	Dysentery	
	1. Bacillary	
	2. Unspecified or due to other causes	
17	Plague	
	1. Pneumonic	
	2. Septicemic	
18	Yellow fever	
19	Icterohemorrhagica spirochetosis	
20 21	Leprosy Erysipelas	
22	Acute poliomyelitis	
23	Encephalitis lethargica Epidemic cerebro-spinal meningitis	
25	Other epidemic diseases	
	0. Varicella	
	2. Septic Sore Throat	
26	Purulent or septicemic infection Glanders and farcy	
28	Malignant pustule (anthrax)	
29	Rabies Tetanus	
31	Mycoses	
32	Tuberculosis of the respiratory system	7
33	Tuberculosis of the meninges or of the central nervous system	
34	Tuberculosis of the intestines or	
35	peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints	
36	Tuberculosis of the joints	
37	Tuberculosis of other organs and structures	
	0. Tuberculosis of the skin or	
	subcutaneous cellular tissue	
	(except vertebral column).	
	pranc system texcept the	
	mesenteric and retroper-	
	itoneal glands)	
	11ringry gystem	
38	Disseminated tuberculosis	
	berculosis of the lungs, ex-	
	Disseminated tuberculosis  0. Acute (including miliary tuberculosis of the lungs, except that specified as chronic or pulmonary)  1. Chronic	1
	1. Chronic	
39	Syphilis (includes syphilic infection of any organ, tissue or structure	
	of the body)	
	0. Primary	
	2. Ternary	
	4. Period not specified	
40	Soft chancre (used for morbidity statistics only)	
41	Gonococcal infection except that of	
43	Generated and the state of the	

	ION	OF CAUSES OF DEATH, HELD AT	ł
	3	I.—General Diseases Not Included Above.	
l	43	Cancer or other malignant tumore	
-		of the buccal cavity	
ı		1. Cancer of the tongue	
1		2. Cancer of the mouth	
-		4 Others	
ı	44	Cancer or other malignant tumors of the stomach and liver	
ı		0. Canger of the pharvnx	
l		1. Cancer of the esophagus	
l		2. Cancer of the stomach	
l		plander	4
ł	45	Cancer or other malignant tumors	
1		of the peritoneum, intestines and	
l		o. Cancer of the mesentery and	
ĺ		peritoneum	
1		1. Cancer of the intestines (except rectum)	
ı		2. Cancer of the rectum and annus	
l			
l	46	Cancer or other malignant tumors of the female genital organs  0. Cancer of the ovary and fallopian tubes	
l		of the female genital organs	
ı		0. Cancer of the ovary and	1
l		1. Cancer of the uterus	1
ĺ		2. Cancer of the vagina and	
ŀ		vulva	
l	47	Cancer or other malignant tumors	
ĺ	40	of the breast	
l	48	Cancer or other malignant tumors of the skin	
l	49	Cancer or other malignant tumors of other or unspecified organs	
l		of other or unspecified organs  0. Cancer of the larynx	
ł		O. Cancer of the larynx  Cancer of the lung and	
1		pleura	
1		2. Cancer of the pancreas 3. Cancer of the kidneys and	
l		suprarenals	
l		pleura 2. Cancer of the pancreas 3. Cancer of the kidneys and suprarenals 4. Cancer of the prostate 5. Cancer of the bladder 6. Cancer of the brain	
l		5. Cancer of the bladder 6. Cancer of the brain	1
i		7. Cancer of the bones (except	
l		18.W )	
I		8. Cancer of the testes	
l	50	Benign tumors and tumors not re-	
l		Benign tumors and tumors not returned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138)	
l		the overv and uterus—136, 138)	
l		0. Tumor of the brain	1
l		1. Tumor of thorax	
l		3. Tumor of bladder	
Į		4. Tumor of prostate 5. Tumor of other location Acute febrile articular rheumatism.	
l	51	5. Tumor of other location	
	52	Chronic rheumatism or gout	
ı		U. Unronic rheumatism	
	53	1. Chronic gout	
	54	Pellagra	
	55	Beri-beri	
	56 57	Rickets Diabetes	0
	58	Anemia, Chlorosis	3
		Anemia, Chlorosis  0. Pernicious anemia  1. Other anemias and chlorosis	2
	59	Diseases of the pituitary gland	
	60	Diseases of the pituitary gland Diseases of the thyroid gland	
		0. Exophthalmic goitre 1. Other diseases of the thy-	
		roid gland	
	61	Diseases of the parathyroid gland Diseases of the thymus	
	62 63	Addison's' disease (disease of the	
		adrenais)	
	64 65	Diseases of the spleenLeukemia and Hodgkin's disease	
		0. Leukemia	
	me	1. Hodgkin's disease	
	66 67	Alcoholism (acute or chronic) Chronic poisoning by mineral sub-	
		stances	
		0. Chronic lead poisoning 1. Others	
	68	Chronic poisoning by organic sub-	
	100	stances	
	69	Other general diseases  0. Acidosis	
		1. Amyloid degenerations	
		2. Autointoxications	
		3. Hemophilia	
		5. Others	

		_
III-	-Diseases of the Nervous Syste	m
	and Organs of Special Sense.	_
70	Encephalitis Meningitis	
71	0. Simple	1
	Simple     Non-epidemic cerebro-spin- al meningitis	1
72	al meningitis	
12	Progressive locomotor ataxia (tabes dorsalis)	
73	Other diseases of the spinal cord  0. Bulbar paralysis (Duchen-	
	o. Bulbar paralysis (Duchenne's disease)	
	1. Paralysis agitans (Parkinson's disease)	
	son's disease	
	<ol> <li>Acute ascending spinal par- alysis (Landry's disease)</li> </ol>	
	3. Myelitis	
74	4. Others Cerebral hemorrhage, apoplexy	
	0. Cerebral hemorrhage	12
	1. Cerebral thrombosis and em- bolism	
75	Paralysis (without specified cause)	
	0. Hemiplegia	
76	Paralysis (without specified cause) 0. Hemiplegia 1. Other forms of paralysis General paralysis (of the insane)	
77	Other forms of mental alienation Epilepsy	
78 79	Convulsions (non-puerneral) (5	
	Convulsions (non-puerperal) (5 years and over)	
80	Infantile convulsions (under five years of age)	
81	Chorea 0. Chorea	
	0. Chorea	
	2. Neuritis	
82	1. Hysteria and neuralgia	
83	tem	
84	Diseases of the organs of vision and adnexa except gonococcal infection, No. 42	
	adnexa except gonococcal infec-	
	0. Diseases of the eye (except	
	tumor)	
	Follicular conjunctivitis     Trachoma	
	3. Tumors of the eye	
	4. Other diseases of the eye or	
85	its adnexa Diseases of the organs of hearing	
	and the mastoid process  0. Diseases of the ear.  1. Diseases of the mastoid process	
	1. Diseases of the mastoid	1
	process	
IV	—Diseases of the Circulatory System Pericarditis	em
87	Acute endocarditis and myocarditis	
	Acute endocarditis and myocarditis  0. Acute endocarditis  1. Acute myocarditis	4
88	Angina pectoris Other d'seases o' the heart	2
89	Other diseases of the heart	0
	O. Chronic endocarditis Chronic myocarditis Other chronic diseases of	3
	2. Other chronic diseases of	
90	the heart accessors accessors accessors	5
91	Atheroma and other diseases of the	
0.0	Atheroma and other diseases of the arteries  Embolism and thrombosis (except	5
92	Embolism and thrombosis (except cerbral)	
93	Diseases of the veins (varices,	
94	cerbral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system	
	(lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the circulatory system.	
95	cause; other diseases of the cir-	
	culatory system.	
V	-Diseases of the Respiratory System	m
96	Disease of the nasal fossae and	
	their adnexa	
0.50	1. Others	
97	1. Others Diseases of the larynx (except tuberculosis and cancer)	
98	Bronchitis	
	0. Acute	3
	2. Not otherwise defined under	
	b vears of age	
	3. Not otherwise defined, 5 years and over	1
99	Broncho pneumonia (incuding cap- illary bronchitis)	
	illary bronchitis)	20
	0. Broncho pneumonia	417
100		
	0. iobar 1. Not otherwise specified	9
101	Plannisv	
	0. Pleurisy	
	L. Lillipy Clifa O. bildiade Cavidy	

102	Congestion or parenchymatous hem-		VII The Puerperal State.		8. Cocaine
	orrhage of the lung 1	1	0. Abortion		4. Lysol
103	Asthma 1		1. Ectopic gestation		6. Wood alcohol
105	Emphysema of the lung		2. Other accidents of preg-		6. Wood alcohol
106	Other diseases of the respiratory	144	Puerperal hemorrhage		8. Not specified or unknown
	system (tuberculosis excepted)  0. Chronic interstitial pneumo-	145	Other accidents of childbirth	178	Conflagration
	nia (including occupational		0. Cesarian section	179	Accidental burns and scalds (con- flagration excepted)
	diseases of the lung)		1. Other surgical operations and instrumental delivery		0. Stoves
	1. Diseases of the mediasti-		2. Others		1. Lamps
	num	146	Puerperal septicemia		2. Steam
		147	Phlegmasia alba dolens, puerperal embolism or sudden puerperal		4. Starches
VI-	Diseases of the Digestive System		death		5. Bonfires
107	Diseases of the mouth and adnexa	148	Puerperal albuminuria or convul- sions		6. Others
	0. Diseases of the teeth and gums	149	Childbirth (without other explana-	180	Accidental mechanical suffocation
	1. Other diseases of the buccal	170	tion)		0. Foreign body in larynx
108	Discours of the pharman and tonsis		Puerperal diseases of the breast  —Diseases of the Skin or Cellular		1. Overlying
100	Diseases of the pharynx and tonsis (includes adenoids)	124.	Tissue.	181	Accidental absorption of irrespir-
	0. Streptoccic sore throat	151	Gangrene		able or poisonous gas  0. Illuminating gas
	1. Ludwig's angina	152	Boil, carbuncle, furuncle		1. Chloroform or ether
	3. Adenoids	153 154a	Tinea and alopecia (morbidity		2. Coal gas
100	4. Others		only)		3. Ammonia fumes
109	Diseases of the esophagus		Pruritis (morbidity only)		5. Other gases 1
	num		adnexa	182	6. Unknown
	0. Ulcer of the stomach	X	Diseases of the Bones and Organs	102	Accidental drowning
111	Other diseases of the stomach (can-	150	of Locomotion.	100	1. Others
	cer excepted  1. Indigestion	126	Diseases of the bones (tubercu- losis excepted)	183	Accidental injury by firearms (wounds of war excepted)
	1. Gastritis	157	Diseases of the joints (tubercu-	184	Accidental injury by cutting or
	2. Stricture or stenosis of py-	158	losis and rheumatism excepted) Other diseases of the bones or or-	185	piercing instruments Accidental injury by falls
	lorus	100	gans of locomotion	100	0. Down shafts, hatchways,
112	Diarrhea and enteritis (under 2		XI.—Malformations.		holds of vessels
113	years of age)	159	Congenital malformations (still-births excepted)		1. Down stairs
	over)		0. Hydrocephalus		8. From fire-escapes
114 115	Ankylostomiasis		1. Malformations of the heart 1		4. From scaffolds 5. From windows
115	parasites		2. Others		6. From vehicles
	0. Cestodes (hydatids of the		Congenital debility, icterus and		7. On streets, sidewalks, etc
	liver excepted)		sclerema	186	Accidental traumatism in mines and
	2. Nematodes (other than an-		0. Marasmus 1. Inanition		quarries
	kylostoma)		2. Icterus		0. In mines
	3. Coccidia		3. Sclerema	187	1. In quarries
	5. Parasites not specified	161	Premature b.rth, or consequence of		0. Neaths by machinery
116 117	Appendicitis and typhlitis		labor	188	1. Deaths by elevators
111	0. Hernia		0. Premature birth 5 1. Injury at birth 1	1	crushing (vehicles, railways,
***	1. Intenstinal obstruction	162	Other diseases peculiar to early in-		landslides, etc.)
118	Other diseases of the intestines  O. Diseases of the anus and		fancy		0. Run over by wagons, trucks, etc.
	stercoral fistulae	i	0. Asphyxia neonatorum		1. Run over by automobiles
	1. Other diseases of the intes- tines		2. Umbilical infection		2. Run over by other vehicles 3. Run over by electric surface
119	Acute yellow atrophy of the liver		3. Umbilical hemorrhage		cars
120	Hydat'd tumor of the liver	163	Lack of care		I. Run over by steam railroad
121	O. Returned as alcoholic		XIII.—Old Age.		5. Run over by elevated rail-
	1. Not returned as alcoholic 2	164	Old age (senility)		road cars
122 123	Bili ary calculi 1 Other diseases of the liver 1	163	XIV.—External Causes.		6. Run over by subway cars 7. Crushed by falling bodies
124	Diseases of the pancreas except		(corrosive substances excepted)		8. Crushed by derricks, stones,
125	Peritonitis of unstated cause		0. Opium, morphine		etc.
126	Other diseases of the digestive		2. Chloroform (ether)	189	9. Other causes
	system (cancer and tuberculosis	100	3. Others	190	Wounds received in war
	excepted)	100	O. Arsenic (paris green) 1	191	Executions of civilians by bellig- erent armies
VII	-Non-Venereal Diseases of the		1. Bichloride of mercury	192a	Excessive labor
	Genito-Urinary System and		2. Carbolic acid	1320	Starvation (deprivation of food or water)
	its Adnexa.		4. Oxalic acid	193	Excessive coid
127	Acute nephritis (including unspeci-		5. Muriatic acid (hydrochloric	194	Excessive heat
	fied under 10 years of age) 1		acid)	196	Other accidental electric shocks
128	Chronic nephritis (including un- pecified over 10 years of age 13	167	Suicide he neironaus an	197	Homicide by firearms
129	Chyluria		1. Charaform		Homicide by cutting or piercing in- struments
130	Other diseases of the kidneys and their adnexa (diseases of the		2. Coal gas	199	Homicide by other means
	kidney in pregnancy excluded)	168	3. Others	200	Infanticide (murder of infinity of than 1 year of age)
131	Calculi of the urinary passages	100	0. Rivers, etc.	201	Fracture (cause not specified)
132	Diseases of the bladder (except tumors)	100	1. Others		0. Dislocations
133	Diseases of the urethra, urinary	169	Suicide by drowning		2. Front res (carse on preced)
	abreess, etc.		instruments	202	Other external violence
	0. Stricture of the urethra 1. Others	171	Suicide by cutting or piercing in-	1	0. Criminal abortion
134	Disease of the prostate (except)	172	Suicide by jumping from high		2. Salvarsan injection
135	Non-veneral diseases of the male	173	Suicide by the biner	1	3. Other medicaments (injection)
	genital organs	174	Other suicides	and the	4. Other external violence
156	Diseases of the bones (tubercu-	175	Poisoning by foed	2^3	Violent deaths of which the caus
137	Salpingitis or pelvic abscess	P	0. Mushrooms	- The second sec	XV.—Ill-Defined Diseases.
138	Benign tumors of the uterus	4	9 Cap. 8 1 2000	204	Sudden death
139	Non-puerperal uterine nemorrhage	176	3. Others	235	Causes of de the not specified or i'l-
140	Other diseases of the female genital	177	Other acute accidental possonings	di de	defined  0. Ill-defined or not specified
	organs 1		(gases excepted)		1. No disease; malingering
142	Non-puerperal diseases of the breast (cancer excepted)	1	1. Bichloride of mercury	)	2. Surgical operation
142	Accidents of pregnancy		2. Carbolic acid	1	TOTAL 148
143					

## CONTAGIOUS HOSPITAL REPORT FOR JANUARY, 1924

	Anterior Poliomyelitis Cerebro-Spinal Meningitis	Chicken Pox Septic Sore Throat Diphtheria	Measles and Chicken Pox	Scarlet Fever	Tonsilitis Diphtheria and Ophthalmia Neonatorum	Pneumonia (Lobar)	Acute Meningitis	Mumps	Typhoid Fever	Whooping Cough Influenza	Pneumonia Scarlet Fever	Scabies	Total
Patients admitted Termination { Recovery Death		8 5 2	1	7 10			****	****		1		••••	17 16 2

DEATHS BY AGES		
Total	Males	Females
Under 1 day 5	3	2
1-2 days 0	0	0
2-3 days 1	1	0
3 days-1 week 1	0	1
1-2 weeks 1	0	1
2-3 weeks 0	0	0
3 weeks-1 month	0	1
1-2 months 1	. 1	0
2-3 months 2	1	1
3-6 months 7	6	1
6-9 months 5	4	1
9-12 months	4	2
1 year 8	3	5
2 years 3	3	0
3 years 3	2	1
4 years 3	0	3
5-9 years 0	0	0
10-14 years 1	1	0
15-19 years 4	4	0
20-24 years 3	2	1
25-29 years 4	2	2
30-34 years 2	1	1
35-39 years 4	3	1
40-44 years 6	4	2
45-49 years 8	2	6
50-54 years16	11	5
55-59 years11	6	5
60-64 years 16	8	8
65-69 years 9	4	5
70-74 years 4	1	3
75-79 years 5	2	3
80-84 years 5	2	3
85-89 years 3	0	3
90-94 years 0	0	0
95-99 years 0	0	0
100 + 0	0	0
Unknown 0	0	0
Total148	81	67
2.500	01	-

DEATHS BY WARDS	
1	5
2	)
3	3
4	3
5 1	L
<b>6</b>	
7	
8	
92	L

	_
HOSPITALS   13   13   13   14   15   15   15   15   16   16   16   17   18   18   19   19   19   19   19   19	
Unknown	
Total16	
NIA TILITATI	
NATIVITY	
Fall River 58	
Massachusetts 4	
Other States13	
Ireland14	
Canada23	
England14	
Scotland	
Germany	
Azores12	
Austria	
France	
Belgium	
Russia	
Portugal 1	
Italy 1	
Poland	
Denmark	
Australia	
Sweden	
Spain	
Bohemia	
Brazil	
Cape Verde Islands	
Syria	
Unknown 1	

CEMETERIES           Oak Grove         19           North Burial Ground         10           St. John's         3           St. Mary's         5           St. Patrick's         43           Notre Dame         59           Nwoo Hill         Agedas Aham           Our Lady of Light         1           St. Mary's Polish         1           Sent away for interment         12           Brought here for interment         29           SEX           Male         81           Female         67
White148
CONDITION  Married 55 Single 67 Widowed 26 Divorced Unknown
There were 206 cases of contagious diseases reported for Jan., viz:  Diphtheria28
Scarlet Fever
Cerebro-Polionlyentis  Cerebro-Popinal Meningitis  Pneumonia, Lobar
Mumps 7 German Measles 1 Lethargica Encephalitiis Dog Bite Gonnorrhea 9 Syphilis 3

The following is the number of contagious diseases reported in each ward:

1—30 2--14 3—18 4—11 5—27 6—41 7—13 8—28 9—24

Estimating the population at 130,043, 148 deaths would give an annual death rate of 13.66 in 1,000. This is 27 more than last month and 39 less than the same month in 1923.

Deaths of non-residents.....10.

FRANK L. LARKIN, Secretary.



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# BOARD OF HEALTH

CITY OF FALL RIVER

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SAMUEL B. MORRISS, AGENT.

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VOLUMIE X

**MARCH 1924** 

NUMBER 3

## DEATH RATE DECLINE

The number of deaths occurring during 1923 was the lowest since 1890, and not only did the general death rate decline but there were also gratifying decreases in the number of deaths under five years and under one year of age. However there was a slight increase in the deaths under one month as the following table will show.

		THE PERSON NAMED IN COLUMN TO PERSON NAMED I	THE CAPITAL SERVICE SE	i
		De-	In-	
1923	1922	crease	crease	
Deaths all ages1657	1936	239		
Deaths under 5 years 437	679	212		
Deaths under 1 year 337	448	111		
Deaths under 1 month 151	145		6	

This decrease in the number of deaths under one year of age resulted in a record low infant mortality rate, 91 per thousand live births, 1923 being the first year in the history of the Board of Health that the rate fell below 100.

The following comparison of deaths from various causes show that over one-third of the decrease in deaths of children under five years of age was due to the fewer deaths from the communicable diseases as with very few exceptions the deaths from this class of disease were less in 1923 than in 1922. The deaths from respiratory diseases, Diarrhoea and Enteritis and Premature Birth also showed very gratifying decreases. On the other hand Injuries at Birth and Congenital Malformation were responsible for more deaths in 1923 than in 1922. Variations in other causes of death were slight, and not worthy of special note.

CAUSES OF DEATH	1923	1922	De- crease	In- crease
Typhoid Fever	0	1	1	
Measles	27	52	25	
Scarlet Fever	3	3		
Whooping Cough	14	16	2	
Diphtheria	15	42	27	
Influenza	2	19	17	
Infantile Paralysis	2	0		2
Lethargica Encephalitis	0	1	1	
Cerebro Spinal Meningitis	3	5	2	
Pulmonary Tuberculosis	3	2		1
Tetanus	1	1		

CAUSES OF DEATH	1923	1922	De- crease	21.00
Tubercular Meningitis	5	8	3	
Tuberculosis, other forms	4	3		1
Lobar Pneumonia	10	16	6	
Bronchitis	10	21	11	
Broncho Pneumonia				
(incl. Capillary Bronchitis).	68	117	49	
Diarrhoea and Enteritis	82	143	61	
Premature Birth	57	74	17	
Injury at Birth	33	20		13
Congenital Malformation	42	24		18
Congenital Debility	17	13		4

The decrease in deaths from communicable diseases was due to the smaller number of deaths resulting from Diphtheria and Measles. Both of these diseases were very prevalent and in fact assumed almost epidemic proportions in 1922. But for this condition, our Infant Mortality rate for that year would have been less than 126 per thousand, and the drop to the rate of 91, not so abrupt. With the extension of Schick testing and inoculation with toxin antitoxin, and the awakening of parents to the fact that Measles is a serious disease to be avoided by children, we are hopeful that needless deaths from these diseases will continue to decrease.

There is a great deal of satisfaction in noting the falling off in deaths due to Diarrhoea and Enteritis and to Broncho Pneumonia. Some of the credit for this we believe must be given to the educational work of the nurses of this department and of the District Nursing Association. The improper feeding of infants especially during the summer months, and the lack of care of children during the colder months, due to the ignorance of the foreign born mother were responsible for the large number of deaths from these causes in the past. That the instructive home visits of the nurses have been successful is indicated by the figures given above for Diarrhoea and Enteritis and for Broncho Pneumonia. This work in the past has been limited because of lack of funds but through the interest of His Honor Mayor Talbot funds have been available during the latter part of the past year to increase these activities and additional appropriations will be provided as the work progresses.

# MORTALITY FOR THE MONTH OF FEBRUARY, 1924

I.	-Endemic or Infectious Diseases.
1	Typhoid fever (abdominal typhoid
	and para-typhoid)
	0. Typhoid fever
9	1. Paratyphoid fevers
2	Relansing fever (spirillum obermet-
	eri)  Melito—coccosis, (Malta fever)  Malarial fever or cachexia
4	Melito-coccosis, (Malta fever)
5	Malarial fever or cachexia
	0. Malarial fever
6	Smallpox '
7	Measles
8	Scarlet fever
9 10	Whooping cough
11	Influenza
	Complications:
	0. Pneumonia
	1. Bronchatis
	3. Nephritis
	4. Meningitis
	5. Gastro intestinal
	6. Puerperal
12	Miliary fever
13	Mumps
14	Asiatic cholera
15	Cholera nostras (choleriform en-
16	eritis) Dysentery
10	0. Amebic
	1. Bacillary
	2. Unspecified or due to other
17	Plague
17	0 Rubonic
	1 Tinon not nic
	3. Unspecified
18	Yellow fever
19 20	
21	Leprosy
22	Acute poliomyelitis
23	Encephalitis lethargica
24	Epidemic cerebro-spinal meningitis
25	Other epidemic diseases
	0. Varicella
	1. Rubella 2. Septic Sore Throat
26	Purulent or septicemic infection
27	Clanders and farey
28	Malignant pustule (anthrax)
29	Rabies
30	Tetanus
31 32	Mycoses
34	Tuberculosis of the respiratory system
33	Tuberculosis of the meninges or of
	the central nervous system
34	Tuberculosis of the intestines or
35	peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints
36	Tuberculosis of the joints
37	Tubercu.osis of other organs and
	Tuberculosis of other organs and structures  0. Tuberculosis of the skin or subcutaneous cellular tissue 1. Tuberculosis of the bones (except vertebral column). 2. Tuberculosis of the lymphotic system (except the
	subcutaneous cellular tissue
	1. Tuberculosis of the bones
	(except vertebral column).
	phatic system (except the
	mesenteric and retroper-
	itoneal glands)
	3. Tuberculosis of the genito-
	urinary system
38	Disseminated tuberculosis  O. Acute (including miliary tuberculosis of the lungs, except that specified as
	0. Acute (including miliary tu-
	berculosis of the lungs, ex-
	cept that specified as
	chronic or pulmonary)
39	Syphilis (includes syphilic infection
60	of any organ, tissue or structure
	of the body
	0. Primary
	1. Secondary
	3. Hereditary
	8. Hereditary
40	Soft chancre (used for morbidity
41	statistics only)
-7.4	the eye or adnexa
42	the eye or adnexa

1	ON	OF CA	AUSES	OF .	DEAT	rH,	HELD	AT ]
- amount	I	I.—G	enera]	Disc	eases	Not	Inclu	ded
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1	58	Anem	ia, Chl	orosis				
		0	. Peri	nicious	aner	nia	chlore	nsis
1	59	Diseas	ses of	the p	ituitar	y g!	and	
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	61 62	Diseas	ses of	the p	arathy	roid	gland	
	63	Addis	on's'	diseas	e (di	sease	e of	the
		adrer	nals) .	41	-1			
	64 65	Leuke	mia a	nd H	pieen odgkin	's d	isease	
		0	. Leu	kemia				
	66	1.	Hod	gkin's	disea	se	·····	*****
	66 67	Chron	ic poi	soning	by	min	e of isease ic) eral s	ub-
		0.	Chro	onic le	ad poi	sonii	ng	*****
	68	Chron	ic poi	soning	by	orga	anie si	(1))=
		star	ices					
	69	Other 0.	genera	osis	eases .			*****
		1.	Amy	rloid d	legener	ration	ns	*****
		2.	Auto	ointoxi	cation	s		*****
		3. 4.	Puri	oura h	emorr	hagie	a	****
		5	. Oth	ers				••••

HII-	Diseases of the Nervous Systemand Organs of Special Sense.	em
71	0. Simple	1
	1. Non-epidemic cerebro-spin- al meningitis	
72	Frogressive locomotor atamia (tabes	
73	Other diseases of the spinal cord  0. Bulbar paralysis (Duchen-	
	ne's disease)	
	2. Acute ascending spinal par-	
	alysis (Landry's disease)	
74	4. Others	1
	Cerebral hemorrhage      Cerebral thrombosis and em-	5
75	Paralysis (without specified cause)	
	Paralysis (without specified cause)  0. Hemiplegia  1. Other forms of paralysis General paralysis (of the insane)	3
76 77	General paralysis (of the insane) Other forms of mental alienation	
78 79	Epilepsy (non-puerperal) (5	
	years and over)	
80	Infantile convulsions (under five years of age)	1
81	0. Chorea	
	1. Hysteria and neuralgia	
82 83	2. Neuritis Softening of the brain Other diseases of the nervous system	
84	tem	
Ų-X	Diseases of the organs of vision and adnexa except gonococcal infection, No. 42	
	0. Diseases of the eye (except	
	tumor)  1. Follicular conjunctivitis 2. Trachoma	
	3. Tumors of the eve	
	4. Other diseases of the eye or its adnexa	
85	Diseases of the organs of hearing	
	and the mastoid process	
IV	—Diseases of the Circulatory Syste	. 222
86 87	Pericardicis	
01	Pericarditis Acute endocarditis and myocarditis 0. Acute endocarditis 1. Acute myocarditis	1
88	Other diseases of the heart	1
	O. Chronic endocreditis  Chronic myocarditis  Other chronic diseases of	2 5
	2. Other chronic diseases of the heart	9
90 91	Aneurism Atheroma and other diseases of the	
92	Embolism and thrombosis (except	3
93	cerbral)	
94	cerbral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system	
95	(IVIII)DIMAIIEILIB. CLC.)	1
00	Hemorrhage without determined cause; other diseases of the circulatory	
V	-Diseases of the Respiratory Syste	m
96	Disease of the nasal fossae and their adnexa	
97	0. Diseases of the nasal fossae 1. Others	
9.8	Discuses of the larynx (except and cancer)	
	O. Acute	3
	2. Not otherwise defined under 5 years of age	1
	3. Not otherwise defined, by ears and over	1
99	Brenche pneumonia (incuding cap-	
	Branche pneumon's	12
100	Pneumonia	
	0. 100ar	8
101	1. Not otherwise specified Pleurisy  0. Pleurisy	1
	1. Empyema of thoracic cavity	1

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102	Congestion or parenchymatous hem-			VII.—The Puerperal State.		3. Cocaine
103	orrhage of the lung			0. Abortion		4. Lysol
104	Asthma			1. Ectopic gestation		5. Opium (morphine)
105	Emphysema of the lung			nancy		7. Others
100	Other diseases of the respiratory system (tuberculosis excepted)		144	Puerperal hemorrhage	178	
	0. Chronic interstitial pneumo-			0. Ce cr., n	179	Accidental burns and semi-
	nia (including occupational diseases of the lung)			1. Other surgical operations and instrumental delivery		0. Stoves
	1. Diseases of the mediasti-			2. Others		1. Lamps
	2. Others		46	Puerperal septice da		3. inst fluids
VI.	Diseases of the Digestive System			embolism or sudden puerperal		4. Matches
	Diseases of the mouth and adnexa		148	death		6. Others
	0. Diseases of the teeth and	- 1 ,	140	sions	180	Accidental mechanical sudgestion
	1. Other diseases of the buccal		149	Childbirth (without other explana-		0. Foreign body in larynx
100	cavity and adnexa			Puerperat discases of the breast		1. Overlying
108	Diseases of the pharynx and tonsils (includes adenoids)		1A	Diseases of the Skin or Cellular Tissue.	181	Accidental obsorption of arm per-
	0. Streptoccic sore throat			Gangrene		able or poisonous gas  0. Illuminating gas
	1. Ludwig's angina			Boil, carbuncle, furancle		1. Chloroform or ether
	3. Adenoids			Tinea and alopecia (morbidity		2. Coal gas
109	Diseases of the esophagus	-   1	54b	only)Pruritis (morbidity only)		4. Sewer gas
110	Ulcer of the stomach and duode- num			Other diseases of the skin and its		5. Other gases
	0. Ulcer of the stomach		X	Diseases of the Bones and Organs	182	Accidental drowning
111	1. Ulcer of the duodenum Other diseases of the stomach (can-	1   '	120 1	of Locomotion.		0. Rivers, ponds, etc
• • • •	cer excepted	1	56	Diseases of the bones (tubercu-	183	Accidental injury by the same
	0. Indigestion 1. Gastritis	, :	157	losis excepted)	184	Accidental injury, by cut or
	2. Stricture or stenosis of py-	٠,	.58	losis and rheumatism excepted) Other diseases of the bones or or-	185	Accidental injury by falls
	lorus	- 1 '	.30	gans of locomotion	100	0. Down shafts, hatchways,
112	Diarrhea and enteritis (under 2			XI.—Malformations.		holds of vessels
113	years of age)	5   1	159	Congenital malformations (still-births excepted)		2. From buildings
114	over)	-		0. Hydrocephalus		3. From fire-escapes
	Diseases due to other intestinal			1. Malformations of the heart. 2 2. Others		5. From windows
	parasites			II.—Diseases of Early Infancy.		6. From vehicles
	0. Cestodes (hydatids of the liver excepted)	1	.60	Congenital debility, icterus and sclerema		8. Other falls
	1. Trematodes			0. Marasmus	186	Accidental traumstism in money and quarries
	kylostoma)			1. Inanition		0. In mines
	3. Coccidia			3. Sclerema	187	1. In quarries
	5. Parasites not specified	1	61	4. Others		0. Deaths by machinery
116 117	Appendicitis and typhlitis	1		labor	188	Accidental transmation where
	0. Hernia	1		0. Premature birth		crushing (vehicles, railways, lands ides, control cont
118	1. Intenstinal obstruction Other diseases of the intestines	1	62	Other diseases peculiar to early in-		0. Run over by wagons, trucks,
	0. Diseases of the anus and			0. Asphyxia neonatorum 2		etc
120	stercoral fistulae	1		1. Atelectasis		2. Run over by other vehicles
	1. Other diseases of the intes-	ì		3. Umbilical hemorrhage		8. Run over by electric surface
119	Acute yellow atrophy of the liver	1	63	4. Others		4. Run over by steam railroad
122	0. Returned as alcoholic	.   -		XIII.—Old Age.	1	5. Run over by elevated ran-
	1. Not returned as alcoholic	1 1	64	Old age (sentity) 1		road cars
121 123	Other diseases of the liver	3 1	63	XIV.—External Causes.		7. Crushed by falling bodies
124	Diseases of the pancreas except			(corrosive substances excepted)		8. Crushed by derricks, stones, etc.
125	Peritonitis of unstated cause			0. Opium, morphine	-	9. Other causes
126	Other diseases of the digestive system (cancer and tuberculosis			2. Chloroform (ether)	189	Wounds received in which is a second with the work with th
	excepted)	1	66	Suicide by corrosive substances	191	Executions of civit and in the in-
VII	Non-Venereal Diseases of the			0. Arsenic (paris green) 1. Bichloride of mercury	192a	Excessive labor
	Genito-Urinary System and			2. Carbolic acid	192b	Starvation (decrivation of food or
	its Adnexa.	1		3. Cyanides (prussic acid) 4. Oxalic acid	193	writer) Excersive
127	Acute nephritis (including unspeci-			5. Muriatic acid (hydrochloric	194	Excessive has Lightning
	fied under 10 years of age)	2		acid)	196	Other accidental electric shocks
128		s 1	67	Suicide by poisonous gas	197	Homicide by firearms
129 130	Other diseases of the kidneys and			0. Illuminating gas		struments
130	their adnexa (diseases of the			2. Coal gas	199	Infanticide (murder of infant.
	kidney in pregnancy excluded)		68.	Suicide by hanging or translation	201	than 1 year of age)
131 132	Calculi of the urinary passages  Diseases of the bladder (except	1	69	Suicide by drowning	201	Fracture (cause not specified)
100	tumors)	1		1. Others		1. Sprains
133	Diseases of the urethra, urinary	1 1	70	Suicide by firearms	202	Other external violence
	0. Stricture of the urethra	1	71	Suicide by cutting or merelin in-	a. August .	0. Criminal abortion
134	1. Others	1	72	struments		2. Salvarsan injection
135	tumors)			places	-	3. Other medicaments (injection)
	Non-veneral diseases of the male genital organs		74 (	Suicide by crushing Other suicides	-	4. Other external violence
156	Diseases of the bones (tubercu-			Poisoning by food	203	Violent deaths of which the cause is unknown
137	Salpingitis or pelvic abscess	-		0. Mushrooms	-	XV.—Ill-Defined Diseases.
138 139	Benign tumors of the uterus Non-puerperal uterine hemorrhage			2. Pork sausages	204	Sudden death
	Met itis	1		8. Others	205	defined
141	Other diseases of the female genital	1	77	Other acute accidental poisonings (gases excepted)		0. Ill-defined or not specified 1. No disease; malingering
142	Non-puerperal diseases of the			0. Ethyl alcohol		2. Surgical operation
143	breast (cancer excepted)			1. Bichloride of mercury 2. Carbolic acid		TOTAL 13
		-			1	

## CONTAGIOUS HOSPITAL REPORT FOR FEBRUARY, 1924

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat Diphtheria	Measles and Chicken Pox	Scarlet Fever	Tonsilitis	Diphtheria and Ophthalmia Neonatorum	Pneumonia (Lobar)	Acute Meningitis	Mumps	Typhoid Fever	Whooping Cough	Influenza Pneumonia	Scarlet Fever with Chiken Po	Scabies	Total
Patients admitted Termination { Recovery   Death				9 10		12 4			••••		••••		2 1				23 15
( Death				••••								••••					

DEATHS BY AGES		
Total	Males	Females
Under 1 day 7	1	6
1-2 days 0	0	0
2-3 days 2	1	1
3 days-1 week 0	0	0
1-2 weeks 1	0	1
2-3 weeks 0	0	0
3 weeks-1 month 0	0	0
1-2 months 1	1	0
2-3 months 5	3	2
3-6 months 8	3	5
<b>6-9</b> months 5	3	2
9-12 months 5	3	2
1 year 6	2	4
2 years 1	1	0
3 years 0	0	0
4 years 2	1	1
5-9 years 2	1	1
10-14 years 1	0	1
15-19 years	0	1
20-24 years 7	4	3
25-29 years ()	0	0
30-31 years 1	0	1
35-39 years 4	0	4
40-14 years 3	1	2
45-49 years 8	3	5
50-54 years9	5	4
55-59 years13	8	5
60-64 years 8	5	3
65 Trents 10	4	6
70-74 years 9	1	8
75-79 years 9	7	2
80-84 years	2	5
8	1	2
10.03	0	1
( · · ) [ [ ] · · · · · · · · · · · · · · · · ·	0	0
100 + ()	0	0
Unknown 0	0	0
Total	61	78
subduction a good part. A date and we represent a service of a first contract on a self-discovering black	4 = m - 1 - 1	

	DEATHS	BA.	WARI	OS	
1					21
2					17
3					14
4					11
5					10
6					10
7					3
8					38
9					15

HOSPITALS Fall River General Hospital 13 Union Hospital 8 St. Anne's Hospital 4 Bay View Hospital 5 Truesdale Hospital 6 Contagious Hospital 6 City Home Home for Aged
STILL BIRTHS
Males       9         Females       4         Unknown       13
NATIVITY
Fall River       68         Massachusetts       6         Other States       6         Ireland       15         Canada       18         England       13         Scotland       1         Germany       1         Azores       9
Austria France Belgium Russia 1 Portugal Italy Poland 1 Denmark
Australia Sweden Spair Bohemia Brazil Cape Verde Islands Syria Urika 2** 6

CEMETERIES
Oak Grove       28         North Burial Ground       11         St. John's       2         St. Mary's       1
St. Patrick's
Notre Dame         54           Nwoo Hill         1           Agedas Aham         1           Our Lady of Light         1           St. Mary's Polish         1
Sent away for interment 9 Brought here for interment 40
SEX
Male         61           Female         78
COLOR
White         137           Colored         2
CONDITION
Married       47         Single       66         Widowed       25         Divorced       1         Unknown       1
There were 185 cases of contagious
diseases reported for Feb., viz:
Diphtheria 15 Scarlet Fever 28 Typhoid Fever 2 Tuberculosis of Lungs 15 Tuberculosis, other forms 3 Whooping Cough 43 Measles 7 Ophthalmia Neonatorum 10 Suppurative Conjunctivitis
Chicken Pox
Pneumonia, Lobar
Lethargica Encephalitiis  Dog Bite  Gonnorrhea  5 Syphilis  4

The following is the number of contagious diseases reported in each ward:

2-12 3-28 4-22 5-24 6-28 7-10 8-17 9-12

Estimating the population at 130,043, 139 deaths would give an annual death rate of 12.83 in 1,000

This is 9 less than last month and 32 less than the same month in 1923.

Deaths of non-residents.....5.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

1-32



OF THE

## BOARD OF HEALTH

CITY OF FALL RIVER

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HEALTH DEPARTMENTS PLEASE EXCHANGE.

VOLUME X

**APRIL 1924** 

NUMBER 4

### DIRECTOR OF SCHOOL HYGIENE

For the past six months the Board of Health has had under consideration the question of the appointment of a Director of School Hygiene to have charge of the Medical Inspectors of Schools and the school nurses and to establish this branch of the department's activities as a separate division. In order to secure a physician with of the Board made a study of the methods and system of carrying on this work in the larger cities of the country, such as New York, Philadelphia, Boston, Detroit, etc., and requested the heads of the Health Departments of the above named cities and officials of the American 4. A lump or swelling in the breast. Child Health Association to recommend candidates for the position.

recommendations were received and considered, and several who were recommended were invited to come to Fall River and meet with the Board. From the latter, Dr. Harold H. Mitchell, who is at present connected with the American Child Health Association was selected, and will take up his duties August 1st. It is expected that the new division will be functioning when the schools open in September.

Dr. Mitchell comes to Fall River from the American Child Health Association where he has been employed as Research Associate in charge of a special study of school medical inspection for the purpose of developing improved standards, and more recently he has been engaged in surveys of child health of cities between 40,000 and 70,000; opulation in the Middle West.

Before Lecoming Research Associate of the American Child Health Association, Dr. Mitchell had extensive experience in public health; at one time he was epidemiologist for the Indiana State Board of Health. He has been engaged in several national and State child surveys and studies including a survey of child health for the Kentucky State Board of Health, a similar survey for the Tennessee State Child Welfare Commission and a study of the health of working children in the Continuation Schools of Newark, N. J., for the National Child Labor Committee. In 1919 he was a member of the American Red Cross Sanitary Commission in Serbia, under the direction of Dr. Richard P. Strong of Harvard.

Dr. Mitchell is a graduate of Syracuse University, with the degrees of Bachelor of Science and M. D., and of Harvard-Massachusettts Institute of Technology School for Health Officers. He is a war veteran with a large administrative experience as Division Sanitary Inspector of the First Depot Division in France, where he had full charge of all the sanitary work of a division carrying a command of as high as over 60,000 soldiers.

### WHAT IS CANCER?

### A CANCER MAY BE:

- 1. An obstinate sore upon the surface of the body, particularly if it is about the mouth, tongue or lips.
- A mole, wart or similar skin defect, which becomes
- of the body, particularly if tinged with blood, or

A cancer may be indicated by continued pain or As a result of the Board's request a number of eventshight discomfort in the upper abdomen, particuusually described as "dyspepsia" or "indigestion." It may produce increasing and continued constipation or abnormal sensations in the rectum, or cause changes in the appetite; particularly, a sudden aversion to meat, or may, at first, cause only rapid loss of weight.

> These may be, and often are, symptoms of something beside cancer; but they are danger signals and you had best find out what they are. They show the absolute necessity of a thorough examination by a competent physician, especially if you are more than thirty-five years of age, for it is after this age that cancer takes its greatest toll.

> Remember that great loss of weight and changes in complexion and appearance of the skin are usually later symptoms of cancer—generally indicative of cancer in the incurable stages. Act before you get these symptoms.

> The message of the American Society for the Control of Cancer is one of hope. The Society teaches that:

- (a) Cancer itself is not inherited.
- Cancer is not communicable or in any way (b) contagious.
  - (c) Cancer in the beginning is not a general disease.
- Early cancer is local and can often be removed successfully or treated by radiation.

For further information address:

THE AMERICAN SOCIETY FOR THE CONTROL OF CANCER

370 Seventh Avenue - New York, N. Y.

# MORTALITY FOR THE MONTH OF MARCH, 1924

I.	-Endemic or Infectious Diseases.		I.—General Diseases Not Included	111-	-Diseases of the Nervous System
1	Typhoid fever (abdominal typhoid and para-typhoid)	43	Above. Cancer or other malignant tumors	70	and Organs of Special Sense. Encephalitis
	0. Typhoid fever		of the buccal cavity	71	Meningitis  0. Simple
2	Typhus fever (exanthematous) Relapsing fever (spirillum obermei-		1. Cancer of the tongue		1. Non-epidemic cerebro-spin- al meningitis
4	eri)		3. Cancer of the jaw		Progressive locomotor ataxia (tabes dorsalis)
5	Malarial fever or cachexia  0. Malarial fever	44	Cancer or other malignant tumors of the stomach and liver	73	Other diseases of the spinal cord  0. Bulbar paralysis (Duchen-
6	1. Malarial cachexia		0. Cancer of the pharynx		ne's disease)
7 8	Measles		2. Cancer of the stomach 1 3. Cancer of the liver and gall		son's disease!
9	Whooping cough 2 Diphtheria 2	45	Cancer or other malignant tumors		alysis (Landry's disease)  3. Myelitis
11	Influenza I		of the peritoneum, intestines and rectum	74	4. Others
	O. Pneumonia 2     Bronchitis2	it di	0. Cancer of the mesentery and peritoneum		0. Cerebral hemorrhage
	2. Heart diseases I		1. Cancer of the intestines (except rectum)	75	Paralysis (without specified cause)
	1. Meningitis 1 5. Gastro intestinal		2. Cancer of the rectum and		0. Hemiplegia
	d. Puerperal	46	3. Others	76 77	General paralysis (of the insanc) Other forms of mental alienation
12	7. Others		of the female genital organs  0. Cancer of the ovary and	78 79	Epileps (non-puerperal) (5
13	Asiatic cholera		fallopian tubes	80	years and over)
15	Cholera nostras (cheleriform en-		2. Cancer of the vagina and vulva	81	years of age)
16	Dysentery	47	3. Others		0. Chorea 1. Hysteria and neuralgia
	1. Bacillary 2. Unspecified or due to other		of the breast	82	2. Neuritis Softening of the brain
17	Plague		of the skin	83	Other discases of the nervous system
	0. Bubonic		of other or unspecified organs 0. Cancer of the larynx	84	Diseases of the organs of vision and adnexa except gonococcal infec-
	2. Septicemic		1. Cancer of the lung and pleura		tion, No. 42
18 19	Yellow fever		2. Cancer of the pancreas 3. Cancer of the kidneys and		tumor)
20 21	Leprosy		suprarenals		2. Trachoma
22	Erysipelas Acute poliomyelitis		5. Cancer of the bladder 1 6. Cancer of the brain		4. Other diseases of the eye or its adnexa
23 24	Encephalitis lethargica Epidemic cerebro-spinal meningitis 1		7. Cancer of the bones (except jaw)	85	Diseases of the organs of hearing and the mastoid process
25	0. Varicella		8. Cancer of the testes		0. Diseases of the ear
	1. Rubella	50	Benign tumors and tumors not re- turned as malignant (except be-		process
26	Purulent or septicemic infection		nign or non-specified tumors of the ovary and uterus—136, 138)		—Diseases of the Circulatory System Pericarditis
27	Glanders and farcy		0. Tumor of the brain	87	Acute endocarditis and myocarditis 0. Acute endocarditis
29	Rabies		2. Tumor of abdomen	88	1. Acute myocarditis
31	Mycoses Tuberculosis of the respiratory sys-		4. Tumor of prostate	89	Other diseases of the heart  O. Chronic endocarditis
33	Tuberculosis of the meninges or of	51 52	Acute febrile articular rheumatism. 1 Chronic rheumatism or gout		1. Chronic myocarditis
34	the central nervous system 2 Tuberculosis of the intestines or	32	0. Chronic rheumatism	90	Aneurism
35	Tuberculosis of the vertebral column	53 54	Scurvy Pellagra		Atheroma and other diseases of the arteries
36 37	Tuberculosis of the joints Tuberculosis of other organs and	55 56	Beri-beri Rickets 1	92	Embolism and thrombosis (except cerbral)
	o. Tuberculosis of the skin or	57 58	Diabetes 1 Anemia, Chlorosis	93	Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)
	subcutaneous cellular tissue  1. Tuberculosis of the bones		0. Pernicious anemia	94	Diseases of the lymphatic system (lymphangitis, etc.)
	(except vertebral column). 2. Tuberculosis of the lym-	59 60	Diseases of the pituitary gland Diseases of the thyroid gland	95	Hemorrhage without determined cause; other diseases of the cir-
	phatic system (except the mesenteric and retroper-		0. Exophthalmic goitre	V_	culatory system
	itoneal glands)	61	roid gland		Disease of the nasal fossae and their adnexa
	urinary system	62	Diseases of the thymus		0. Diseases of the nasal fossae 1. Others
38	Disseminated tuberculosis	64	adrenals)	97	Diseases of the larynx (except tuberculosis and cancer)
	berculosis of the lungs, ex- cept that specified as	65	Leukemia and Hodgkin's disease  0. Leukemia	98	Bronchitis 0. Acute
	chronic or pulmonary)  1. Chronic	66	1. Hodgkin's disease		1. Chronic 2. Not otherwise defined under
39	Syphilis (includes syphilic infection of any organ, tissue or structure	67	Chronic poisoning by mineral sub- stances		5 years of age
	of the body)		0. Chronic lead poisoning 1 1. Others	50	years and over
	1. Secondary	68	Chronic poisoning by organic sub- stances	29	illary bronchitis)
	3. Hereditary	69	Other general diseases	100	1. Capillary bronchitis
40	Soft chancre (used for morbidity statistics only)		1. Amyloid degenerations	100	Pneumonia  0. Lobar  1. Not otherwise specified
41	Gonococcal infection except that of the eye or adnexa		3. Hemophilia	101	Pleurisy
42	Gonococcal ophthalmia		5. Others		1. Empyema of thoracic cavity

	102	Congestion or parenchymatous hem-		VII.—The Puerperal State.		3. Cocaine
	103	Gangrene of the lung		0. Abortion		4. Lysol
	104 105	Asthma1		2. Other accidents of preg-		6. Wood alcohol
	106	Other diseases of the respiratory	144	Puerperal hemorrhage		8. Not specified or unknown
		system (tuberculosis excepted)  0. Chronic interstitial pneumo-	145	Other accidents of childbirth  O. Cesarian section		Accidental burns and scalds (con-
		nia (including occupational diseases of the lung)		1. Other surgical operations		flagration excepted)
		1. Diseases of the mediasti-		and instrumental delivery  2. Others		1. Lamps
		num	146 147	Puerperal septicemia		2. Steam
	VI-	Diseases of the Digestive System		embolism or sudden puerperal		4. Matches
		Diseases of the mouth and adnexa	148	Puerperal albuminuria or convul-		6. Others
		0. Diseases of the teeth and gums	149	sions	180	7. Unknown
		1. Other diseases of the buccal cavity and adnexa	150	tion)		0. Foreign body in larynx 1. Overlying
	108	Diseases of the pharynx and tonsils		—Diseases of the Skin or Cellular	181	2. Others Accidental absorption of irrespir-
		(includes adenoids)	151	Gangrene	.01	able or poisonous gas
		1. Ludwig's angina	152	Boil, carbuncle, furuncle		1. Chloroform or ether
		8. Adenoids 4. Others	153 154a	Phlegmon, acute abscess		2. Coal gas
	109	Diseases of the esophagus	1541	only)		4. Sewer gas
	110	Ulcer of the stomach and duode- num	155	Other diseases of the skin and its adnexa		6. Unknown
		0. Ulcer of the stomach	X	Diseases of the Bones and Organs	182	O. Rivers, ponds, etc
,	111	Other diseases of the stomach (can-	156	of Locomotion. Diseases of the bones (tubercu-	183	Accidental injury by fir and
}		cer excepted	157	losis excepted)	184	(wounds of war excepted)
		1. Gastritis		losis and rheumatism excepted)		piercing instruments
		lorus	158	Other diseases of the bones or organs of locomotion	185	O. Down shafts, hatchways,
	112	Diarrhea and enteritis (under 2	150	XI.—Malformations.		holds of vessels
	113	years of age)	159	Congenital malformations (still- births excepted)		2. From buildings
	114	over)		0. Hydrocephalus 1 1. Malformations of the heart. 1		4. From scaffolds
	115	Diseases due to other intestinal parasites		2. Others		5. From windows
		0. Cestodes (hydatids of the		XII.—Diseases of Early Infancy. Congenital debility, icterus and		7. On streets, sidewalks, etc 8. Other falls
		liver excepted)		o. Marasmus	186	Accidental traumatism in mines and
		2. Namatodes (other than ankylostoma)		1. Inanition		Quarries
		3. Coccidia		3. Sclerema	187	Accidental traumatism by muchina
	116	5. Parasites not specified	161	4. Others  Premature birth, or consequence of		0. Deaths by machinery
	117	Hernia, intestinal obstruction		labor  O. Premature birth	188	Accidental traumatism by other
		1. Intenstinal obstruction	162	1. Injury at birth		crushing (vehicles, railways, lands ides, etc.)
	118	Other diseases of the intestines  O. Diseases of the anus and	102	fancy		0. Run over by wagons, trucks, etc.
	120	stercoral fistulae		0. Asphyxia neonatorum 1. Atelectasis		<ol> <li>Run over by automobiles</li> <li>Run over by other vehicles</li> </ol>
		1. Other diseases of the intes-		2. Umbilical infection		3. Run over by electric surface
	119	Acute yellow atrophy of the liver	163	4. Others 1 Lack of care		4. Run over by steam railroad
	122	0. Returned as alcoholic		XIII.—Old Age.		5. Run over by elevated rail-
	121	1. Not returned as alcoholic Cirrhosis of the liver	164	Old age (senility)		foad cars
	123 124	Other diseases of the liver	163	Lack of care		7. Crushed by falling bodies 8. Crushed by derricks, stones,
	125	cancer		0. Opium, morphine		etc
	126	Peritonitis of unstated cause Other diseases of the digestive		1. Strychnine		9. Other causes
		system (cancer and tuberculosis excepted)	166	3. Others Suicide by corrosive substances	190	Wounds received in war Executions of civilians by bellig-
	VII	Non-Venereal Diseases of the		0. Arsenic (paris green)	1922	erent armies
		Genito-Urinary System and		2. Carbo'ic acid	1926	Starvation (deprivation of food or
		its Adnexa.		8. Cyanides (prussic acid) 4. Oxalic acid	193	Excessive cold
:	127	Acute nephritis (including unspeci-		5. Muriatic acid (hydrochloric acid)	194 195	Excessive heatLightning
	128 <sup>.</sup>	fied under 10 years of age) Chronic nephritis (including un-	167	6. Other corrosive poisons Suicide by poisonous gas	196	Other accidental electric shocks  Homicide by firearms
	129	specified over 10 years of age 7 Chyluria		0. Illuminating gas	198	Homicide by cutting or piercing in- struments
	130	Other diseases of the kidneys and their adnexa (diseases of the		2. Coal gas	199	Homicide by other means Infanticide (murder of infants less
		kidney in pregnancy excluded)	168.	3. Others		than 1 year of age)
	131 132	Calculi of the urinary passages  Diseases of the bladder (except	169	Suicide by drowning	201	Fracture (cause not specified)  0. Dislocations
	133	tumors)	170	1. OthersSuicide by firearms		1. Sprains
		abscess, etc.  0. Stricture of the urethra		instruments	202	Other external violence
	124	1. Others	171	Suicide by cutting or piercing in- struments		1. Explosions
		Disease of the prostate (except) tumors)	172	Suicide by jumping from high places		2. Salvarsan injection 3. Other medicaments (injec-
	135	Non-veneral diseases of the male genital organs	173 174	Suicide by crushing Other suicides		tion)
	156	Diseases of the bones (tubercu-	175	Poisoning by food	203	Violent deaths of which the cause
	137	the ovary		0. Mushrooms		XV.—Ill-Defined Diseases.
	138 139	Non-puerperal uterine hemorrhage		2. Pork sausages	204 205	Sudden death. Cause of death not specified or ill-
	140	Metritis Other diseases of the female genital	176 177	Poisoning by venomous animals Other acute accidental poisonings		defined or not specified
		organs		(gases excepted)		1. No disease; malingering
	142	Non-puerperal diseases of the breast (cancer excepted)		0. Ethyl alcohol		2. Surgical operation
1	143	Accidents of pregnancy		2. Carbolic acid		IOIAL IO
	-					

## CONTAGIOUS HOSPITAL REPORT FOR MARCH, 1924

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat	Diphtheria	Measles and - Chicken Pox	Scarlet Fever	Tonsilitis	Diphtheria and Ophthalmia Neonatorum	Pneumonia (Lobar)	Acute Meningitis	Mumps	Typhoid Fever	Whooping Cough	Influenza Pneumonia	Scarlet Fever with Chiken Pox	Scabies	Total
Patients admitted Termination { Recovery Death			****	****	9 6 1		34 15 1		***-	••••	0100	****	••••	3		****		43 24 2

DEATHS BY AGE	S		
DENTILO DE LIGA		uñ eo	Females
	Total	Males	en
Under 1 day	6	3	3
1-2 days		2	1
2-3 days	- y /e	0	1
3 days-1 week		1	0
1-2 weeks		2	0
2-3 weeks		0	1
3 weeks-1 month		0	0
1-2 months		4	1
2-3 months		2	1
3-6 months		1	2
6-9 months		5	- 5
9-12 months		5	2
1 year	.10	6	4
2 years	. 0	0	0
3 years	. 2	1	1
4 years	. 1	0	1
5-9 years	. 1	1	0
10-14 years	. 1	0	1
15-19 years		1	1
20-24 years		2	1.
25-29 years		1	0
30-34 years	. 2	2	0
35-39 years	. 8	6	2
40-44 years	. 6	2	4
45-49 years	÷ 5	2	3
50-54 years	. 6	2	4
55-59 years	. 9	7	2
60-64 years		6	6
65-69 years		9	9
70-74 years		.7	6
75-79 years	10	5	5
80-84 years		2	3
85-89 years		0	3
90-94 years		0	1
95-99 years		0	1
100 ÷	. 0	0	0
Unknown		0	0
Total	162	87	75
DEATHS BY WA	RI	2	
	ALL		22
1		*******	23
2			16

DEATHS BY WARDS
123
2
320
4
<b>5</b>
<b>6</b>
7
8 30
9

HOSPITALS
Fall River General Hospital12
•
Del Timio O Troopica:
Bay View Hospital 3
Truesdale Hospital 8
Contagious Hospital 2
City Home 5
Home for Aged 1
STILL BIRTHS
Males 5
Females 11
Unknown 1
Total 17
10(a)
NATIVITY
Fall River 72
Massachusetts8
Other States 8
Ireland10
Canada 23
England
Scotland 1
Germany
Azores
Austria 1
France
Belgium
Russia
Portugal
Italy
Poland2
Denmark
Australia
Sweden
Spain
Armenia 1
Finland 1
. Cape Verde Islands
*
Syria
Unknown

CEMETERIES  Oak Grove
SEX
Male 87 Female 75
···· COLOR
White 160 Colored 2
CONDITION  Married 57 Single 74 Widowed 31 Divorced Unknown
There were 254 cases of contagious diseases reported for Mar., viz:
Diphtheria
Anterior Poliomyelitis Cerebro-Spinal Meningitis Pneumonia, Lobar 16 Influenza 6 Septic Sore Throat 1 Mumps 10 German Measles 19 Lethargica Encephalitiis Dog Bite 6 Syphilis 1

The following is the number of contagious diseases reported in each ward:

1-45 2--15 3--32 4--33 5--22 6--34 7--11 8--40 9--22

Estimating the population at 130,043, 162 deaths would give an annual death rate of 14.95 in 1,000

This is 23 more than last month and 47 less than the same month in 1923.

Deaths of non-residents.....5.

FRANK L. LARKIN, Secretary.



-OF THE-

## BOARD OF HEALTH

CITY OF FALL RIVER

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MAY 1924

NUMBER 5

111 10 1924

## WHY NOT PRISERE UT I IMM

Recently one of our local columnists asked why a physician who lost a case of Diphtheria was not accorded the same treatment that a chiropractor had received. dently the writer of the column had two particular cases in mind. On the first glance, to the thoughtless reader, this might appear to be a fair question, but what were the facts of the two cases.

We do not know the details of the case that was attended by the physician but we do not know that he "was bound to exercise the care and skill.....that is usually exercised by a recognized school of the medical profession." Failure to exercise this skill both in diagnosis and treatment, which would in the first place include the taking of cultures from the nose and throat of the patient and in the second, the administering of diphtheria antitoxin in doses "suggested by the health authorities" has been found by courts in several states to be sufficient grounds for action against physicians for malpractice. If the physician was guilty of gross negligence in not properly diagnosing and treating the case he attended he should and could have been prosecuted for his neglect as was the chiropractor. But no doubt the facts in this case were that, as many times happen, the seriousness of the disease was not recognized early enough by the parents and when the physician was called the disease was so far advanced that even the most skillful treatment and liberal doses of antitoxin could not have saved the life of the child.

The case of the chiropractor is contained in the following editorial of the New York Times, April 10th.

Ernest G. H. Meyer, one of the too many men who, without a medical education, have engaged in the practice of medicine, was convicted of manslaughter in a Brooklyn court this week and may receive a maximum sentence of from ten to twenty years in jail. As the jury recommended elemency, it is not likely that his punishment will be severe, but the conviction will stand as a precedent and shows that convictions can be obtained in spite of that absence of intention to do harm which always counts so heavily with jurors—and with judges, too, for that matter.

Meyer, who calls himself a "chiropractor," was summoned by misguided parents to treat a sick child. He performed some of the spinal manipulations which constitute the whole stock in trade of his class. What-ever the result of his exertions may have been, he did not discover that the child was suffering from diphtheria, a disease which almost any sane adult ought at least to suspect before it is far advanced, and a real doctor was not called in until just before the fatal termination. Then there was administered the antitoxin which in all proba-

bility would have saved the child's life if resort to it had been timely, but it was too late and the little girl died, a victim of a double ignorance. This to the jurors was manslaughter.

One comment on the verdict heard in the courtroom was that if it is to stand any "chiropractor" unlucky enough to lose a patient can be sent to jail. The statement will excite neither dissatisfaction nor apprehension among people fairly well informed as to the preparation necessary for the practice of medicine and who have sense enough to know that there is more in it than surgery and the giving of drugs, to which all the "irregulars"—euphemism for "quacks"—desperately try to confine its definition."

From the fact that the physician treated his car for Diphtheria, we must assume that he exercised care and skill that he should have and that had he called in time the life of the child most probably we have been saved. In the case of chiropractor however we know that such was not the case but instead it not occur to him that the child had Diphtheria and treatment, if such it can be called, wasted valuable tinduring which the disease progressed to the fatal stage.

In the one case, the chiropractor, the death of the child was unquestionably due to neglect, in the other, the doctor because of the delay in calling him was in the same position as the regular physician who was called in after the chiropractor. Unless the circumstances in the case atended by the physician were different the columnist's question was not a fair one, but as we are sure practically none of the readers know the circumstances in both cases the impressions gained by the average reader were without doubt false and harmful.

Just what these impressions might lead to is probchiropractor and then faith in the cult, other lives may be sacrificed as was the life of the diphtheria patient. In the words of the Buffalo Sanitary Bulletin "Chiropractors are not 'doctors' though their announcements of the Buffalo Sanitary Bulletin "Chiropractors are not 'doctors' though their announcements." carry this impression. Most of them have no medical education, training or experience and most of their time in so-called 'Schools of Chiropractry' is apparently spent in learning things that are not so." We, time and time again, have urged that the parents call their family physicians early if their youngster has a sore throat or "croup" as delays are dangerous. We again request parents to consult the family physician early and not to lose time experimenting with any household remedy or patent medicine or self styled doctor of the new socalled schools, in case of sickness.

# MORTALITY FOR THE MONTH OF APRIL, 1924

_		OF THE CLASSIFICA
	I	-Endemic or Infectious Diseases.
	1	Typhoid fever (abdominal typhoid
		and para-typhoid)
	9	1. Paratyphoid fevers
	3	Relapsing fever (spirillum obermei-
	4	Melito—coccosis, (Malta fever)
	5	Melito—coccosis, (Malta fever)
	6	1. Malarial cachexia
	7	Measles
	8	Scarlet fever
	10 11	DiphtheriaInfluenza
		Complications: 0. Pneumonia
		1. Bronchitis
		2. Heart diseases
		4. Meningitis
		6. Puerperal
	12	Miliary fever
	13 14	Mumps
	15	Cholera nostras (choleriform eneritis)
	16	Dysentery
		1 Recillary
		2. Unspecified or due to other causes
	17	0 Rubonic
		1. Pneumonic
		3. Unspecified
	18 19	Yellow fever
	20	Leprosy
	21	Acute yoliomyelitis
V	23	Encephalitis lethargica Epidemic cerebro-spinal meningitis
		Other epidemic diseases
		0. Varicella
		2. Septic Sore Throat
		anders and farcy
		labies
		fetanusMycoses
	1	Tuberculosis of the respiratory system
	1 8	Tuberculosis of the meninges or of the central nervous system
	34	Tuberculosis of the intestines or peritoneum
7	35	Tuberculosis of the vertebral column
4	36	Tuberculosis of the vertebral column Tuberculosis of the joints Tuberculosis of other organs and structures
		o. Tuberculosis of the skin or
		subcutaneous cellular tissue 1. Tuberculosis of the bones
		(except vertebral column).
		2. Tuberculosis of the lym- phatic system (except the
		3. Tuberculosis of the genito-
	38	4. Tuberculosis of other organs Disseminated tuberculosis
		O Acute (including miliary tue
		berculosis of the lungs, ex- cept that specified as chronic or pulmonary)
		I. Chronic
	39	Syphilis (includes syphilic infection of any organ, tissue or structure of the body)
		of the body)
		0. Primary            1. Secondary            2. Tertiary
		2. Tertiary
	40	4. Period not specified
	41	statistics only)
		the eye or adnexa
	42	Gonococcai opnthaimia

0	N	OF CAU	JSES	of I	)EAT	rH,	Held	AT	P.
	1	I.—Ger	neral			Not	Inch	ıded	
	43	Cancer	or o	thon	mal	ignaı	nt tun	nors	
		of th	e buc	cal ca	vity	******	le	******	
		0. 1.	Canc	er of	the t	lip tongi	10		
		2.	Canc	er of	the	mout	h	******	
		3. 4.	Othe	er oi	tne J	aw	**********	******	
	44	Cancer	or	other	mal	ignar	ynx hagus. ach	nors	
		0.	Canc	er of	the	phar	ynx	******	
		1.	Canc	er of	the	esor	hagus.		1 2
		3.	Cane	er of	the	live	r and	gall	4
	AE	Cancer	bladd	er	mal	iona	nt tun	0000	
	70	of t	he pe	ritone	um,	inte	stines	and	
		rectu	m				entery		
			per	itoner	ım .		**********		
		1.	cent	er of	the	inte	stines	(ex-	1
		2.	Canc	er of	the	e re	ctum	and	
		3.	annus	******* PGI		4004000		******	
	46	Canacar	0.39	othor	777 G i	7000	m+ +117	nore	
		of th	e fem	ale g	enita f th	lorg	yans vary	and	
			fallop	ian t	ubes				
		1.	Canc	er of	the f th	uter	ls noina	and	2
	47	3. Cancer	Other	rs					
		Cancer of t Cancer	he br	east	*******		************		1
	48	Cancer of th	or e skir	other	mal	igna	nt tur	nors	
	49	of the	or	other	mal	igna	nt tun	nors	
		of ot 0.	ther of	uns	pecine	ea oi	rgans		
		1.	Canc	er c	f t	he	lung	and	
		2.	Pleura	ı er of	the	DAD	creas		
		3.	Canc	er of	the	ki	creas dneys	and	
		4.	Canc	renals er of	the	nros	tate	******	
		5.	Canc	er of	the	blad	tate der es (ex		
		6. 7.	Canc	er of er of	the	brain	es (ex	cent	
			18.W J					******	
		8. 9.	Othe	er of	the	test	es		1
	50	Benign turne	tume	ors a	nd t	umoi	rs not	re-	
		turne	ed a en or	s ma non-	ligna: speci	<b>nt (</b> fied	tumors	ne-	
		tne	ovarv	and	ureru	S L	50, 150	3 /	
		0. 1.	Tum	or of	the	oraii rax	1	******	
		2.	Tum	or of	abdo	men.	ation	******	
		3. 4.	Tum	or or	pros	aer state.	**********	******	
	51	5.	Tum	or of	othe	r loc	ation	******	
	52		c rheu	matis	m o	r go	ut		
		0.	Chro	nic rl	heum	atism		******	1
	53	Scurvy		mic R	out .				
	54 55		a	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •			******	
	56	Rickets	3	,,,,,,,,,,					
	57 58	Diabete Anemia	es L. Chlo	rosis					1
		Anemia	Pern	icious	ane	mia		******	1
	59	Disease	of 1	r and	emias ituita	ry g	l chlor		1
	60	Disease Disease 0.	es of	the	thyro	id g	land		
		1.	Othe	r dis	eases	of	the	thy-	
	61	Diagona	roid	oland					
	62	Disease Disease Addiso	es of t	he th	ymus	9 1 0 1 u	gianu.		
	63	Addiso: adrens	n's' d	liseas	e (d	iseas	e of	the	
	64	Disease Leuken	s of	the s	oleen.				
	65	Leuken 0.	nia an Leuk	d Ho emia	odgkii	n's (	disease.	******	
	-	1.	Hodg	kin's	dise	ase .		******	
	66 67	Alcoho	nsm (	acute	or by	chro	neral	sub-	
		stand	es					*****	
		0.	Othe	rs			ing	******	
	68	Chronic	pois	oning	by	org	anic :	sub-	
	69	Other :	ces genera	l dise	ases	******	***********	******	
		0.	Acide	osis		******	********	.,	
		1. 2.					ns		
		3.	Hem	phili	a			******	
		. 4. 5.					ica		

		_
111—	Diseases of the Nervous System	m
=-	and Organs of Special Sense.	
70 71	Encephalitis	1
• •	0. Simple	1
	Simple     Non-epidemic cerebro-spin- al meningitis	
72	Progressive leasureter stayin (tabas	
• **	Progressive locomotor ataxia (tabes dorsalis)	1
73	Other diseases of the spinal cord  0. Bulbar paralysis (Duchen-	
	ne's disease)	
	1. Paralysis agitans (Parkin-	
	1. Paralysis agitans (Parkinson's disease)	
	Acute ascending spinal paralysis (Landry's disease)  3. Myelitis	
	3. Myelitis	
77.4	4. Others	
74	Cerebral hemorrhage, apoplexy  0. Cerebral hemorrhage	7
	1. Cerebral thrombosis and em-	
75	bolism	
10	Paralysis (without specified cause)  0. Hemiplegia	
	0. Hemiplegia	
76 77	Other forms of mental alienation	
78	Epilepsy	1
79	Epilepsy Convulsions (non-puerperal) (5 years and over)	
80	Infantile convulsions (under five	
	years of age)	
81	Chorea	
	1. Hysteria and neuralgia	
	2. Neuritis	
82 83	Softening of the brainOther diseases of the nervous sys-	
	tem	
84	Diseases of the organs of vision and adnexa except gonococcal infection, No. 42	
	tion, No. 42	
	0. Diseases of the eye (except	
	1. Follicular conjunctivitis 2. Trachoma	
	3. Tumors of the eye	
	1. Follicular conjunctivitis 2. Trachoma	
85	Diseases of the organs of hearing	
	and the mastoid process	
	and the mastoid process	
	process	1
IV		
86	Pericarditis	-
87	Acute endocarditis and myocarditis	5
	0. Acute endocarditis	U
88	Angina pectoris Other diseases of the heart	8
89	O. Chronic endocarditis	P
	1. Chronic myocarditis	5 6
	2. Other chronic diseases of	
90	Aneurism	5 1
	Atheroma and other diseases of the	
92	arteries Embolism and thrombosis (except cerbral)	1
92	cerbral)	
93	cerbral)	
94	Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system	
	(IVMDnangitis, etc.)	1
95	Hemorrhage without determined cause; other diseases of the cir-	
	culatory system.	
V.—		m
96	-Diseases of the Respiratory Syste Disease of the nasal fossae and	
	0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer)	
97	Diseases of the larynx (except	
98	tuberculosis and cancer)  Bronchitis	
90	0. Acute	3
	1. Chronic	
	2. Not otherwise defined under 5 years of age	1
	3. Not otherwise defined, 5	
	TARKS STA ATAK	
99	Broncho pneumonia (incuding cap- illary bronchitis)	
	0. Broncho pneumonia	8
4.6	1. Capillary bronchitis	1
100	Pneumonia	3.
	1. Not otherwise specified	
101	Pleurisy	
	0. Pleurisy	

102 103 104	Congestion or parenchymatous hemorrhage of the lung	VII.—The Puerperal State.  0. Abortion	8. Cocaine
105 106	Emphysems of the lung	nancy	8. Not specified or unknown 178 Confiagration
	num	2. Others	2. Steam
-	Diseases of the Digestive System Diseases of the mouth and adnexa  0. Diseases of the teeth and gums	death	6. Others
108	1. Other diseases of the buccal cavity and adnexa	IX.—Diseases of the Skin or Cellular Tissue.	1. Overlying
	0. Streptoccic sore throat       1. Ludwig's angina         2. Tonsilitis       1         3. Adenoids       1	151 Gangrene	0. Illuminating gas
109 110	4. Others Diseases of the esophagus Ulcer of the stomach and duodenum	only) 154b Pruritis (morbidity only) 155 Other diseases of the skin and its adnexa	4. Sewer gas
111	0. Ulcer of the stomach	X.—Diseases of the Bones and Organs of Locomotion.	0. Rivers, ponds, etc
	cer excepted 0. Indigestion	156 Diseases of the bones (tuberculosis excepted)	(wounds of war excepted)
	2. Stricture or stenosis of py- lorus	losis and rheumatism excepted)  158 Other diseases of the bones or organs of locomotion	piercing instruments
112 113	3. Others	XI.—Malformations.  159 Congenital malformations (still-births excepted)	holds of vessels
114	over)	0. Hydrocephalus	3. From fire-escapes
113	parasites	XII — Diseases of Early Infancy. 160 Congenital debility, icterus and	6. From vehicles
	1. Trematodes	o. Marasmus	186 Accidental traumatism in mines and quarries
	kylostoma)	2. Icterus 3. Sclerema 4. Others	1. In quarries
116 117	5. Parasites not specified 3 Appendicitis and typhlitis 3 Hernia, intestinal obstruction	161 Premature birth, or consequence of labor	I. Deaths by elevators
118	1. Intenstinal obstruction Other diseases of the intestines 0. Diseases of the anus and stercoral fistulae	162 Other diseases peculiar to early infancy  0. Asphyxia neonatorum  1. Atelectasis	0. Run over by wagons, trucks, etc.  1. Run over by automobiles
119	1. Other diseases of the intes- tines	2. Umbilical infection	2. Run over by other ve 3. Run over by electric su
120 121	Hydatid tumor of the liver	4. Others	4. Run over by steam rails cars
122 123	1. Not returned as alcoholic  Biliary calculi 1 Other diseases of the liver 1	XIV.—External Causes.  163 Lack of care	road cars
124 125	Diseases of the pancreas except cancer Peritonitis of unstated cause	(corrosive substances excepted)  0. Opium, morphine	8. Crushed by derricks, stones. etc
126	Other diseases of the digestive system (cancer and tuberculosis excepted)	2. Chloroform (ether)	189 Injuries by animals (not poisoning) 190 Wounds received in war 191 Executions of civilians by bellig- erent armies
VII	I.—Non-Venereal Diseases of the Genito-Urinary System and	1. Bichloride of mercury	192a Excessive labor 192b Starvation (deprivation of food or water)
107	its Adnexa.  Acute nephritis (including unspeci-	4. Oxalic acid	193 Excessive cold
127	fied under 10 years of age) 2 Chronic nephritis (including un-	6. Other corrosive poisons 167 Suicide by poisonous gas	195 Lightning 196 Other accidental electric shocks 197 Homicide by firearms
129 130	Other diseases of the kidneys and their adnexa (diseases of the	0. Illuminating gas	198 Homicide by cutting or piercing instruments  199 Homicide by other means  200 Infanticide (murder of infants less
131 132	kidney in pregnancy excluded)  Calculi of the urinary passages  Diseases of the bladder (except	168. Suicide by hanging or strangulation 169 Suicide by drowning	than 1 year of age)
	tumors)  Diseases of the urethra, urinary abscess, etc.	1. Others	1. Sprains
134	0. Stricture of the urethra 1. Others	171 Suicide by cutting or piercing in- struments	0. Criminal abortion
135	tumors) Non-veneral diseases of the male	places	3. Other medicaments (injection) 4. Other external violence
156	the ovary	174 Other suicides 175 Poisoning by food	203 Violent deaths of which the cause is unknown
137 138	Salpingitis or pelvic abscess Benign tumors of the uterus	1. Shell fish	XV.—Ill-Defined Diseases.
139 140 141	Non-puerperal uterine hemorrhage  Metritis  Other diseases of the female genital	3. Others	205 Cause of death not specified or ill-defined
142	organs	(gases excepted)	No disease; malingering      Surgical operation
143	Accidents of pregnancy	2. Carbolic acid	TOTAL 129

## CONTAGIOUS HOSPITAL REPORT FOR APRIL, 1924

	Anterior Poliomyelitis Cerebro-Spinal Meningitis Chicken Pox Septic Sore	Throat Diphtheria. Measles and Chigken Pox Scarlet Fever	Tonsilitis Biphtheria and Ophthalmia Neonatorum Pneumonia (Lobar)	Mumps Typhoid Fever Whooping Cough	Influenza Preumonia Scarlet Fever with Chiken Pox German Measles	Scabies Total
Patients admitted Termination { Recovery Death		4 19 5 28				24 34 1

#### DEATHS BY AGES

** ** ** ***		
	80	nale
3	fal	6
Under 1 day 4	1	3
1-2 days		1
2-3 days 2	1	1
3 days-1 week 2	2	0
1-2 weeks	0	0
2-3 weeks 1	. 1	0
3 weeks-1 month	0	0
1-2 months	. 1	0
2-3 months 4	2	2
3-6 months 3	1	2
6-9 months	1	1
9-12 months	6 4	2
1 year	5 2	3
2 years	0	2
3 years	5 2	3
4 years 4	3	1
5-9 years	5 1	4
4 year	. 1	0
	2	2
rs 5	3	2
ars 1	. 1	0
ears 4	2	2
ears 1		1
years 4		1
years 5		2
64 years 9	_	4
59 years10		5
0-64 years 9	_	5
65-69 years11		6
70-74 years		2
75-79 years 9	_	3
80-84 years 4		2
85-89 years 0		0
90-94 years		2
95-99 years 0		0
100 +	_	0
Unknown 0		0
Total129	65	64

### DEATHS BY WARDS

	30
2	7
3	11
4	11
5	
6	
7	
8	26
9	

### HOSPITALS

Fall River General Hospital12	2
Union Hospital	
St. Anne's Hospital6	
Bay View Hospital 1	
Truesdale Hospital4	
Contagious Hospital	
City Home	
Home for Aged 1	L

#### STILL BIRTHS

Males	5
Females	5
Unknown	
Total	0

#### NATIVITY

NATIVITY	
Fall River	61
Massachusetts	5
Other States	13
Ireland	5
Canada	1
England	16
Scotland	2
Germany	1
Azores	8
Austria	
France	
Belgium	
Russia	3
Portugal	1
Italy	1
Poland	
Denmark	
Australia	
Sweden	1
Spain	
Armenia	
Finland	
Cape Verde Islands	
Syria	1
Unknown	

### CEMETERIES

Var Give
North Burial Ground4
St. John's 2
St. Mary's
St. Patrick's32
Notre Dame 55
Nwoo Hill
Agedas Aham
Our Lady of Light 1
St. Mary's Polish
Sent away for interment10
Brought here for interment24
SEX
Male 65
Female 64
7 CITIZATO
COLOR
White129
Colored

Married	40
Single	61
Widowed	23
Divorced	
Unknown	

CONDITION

There were 350 cases of contagious diseases reported for April, viz:

Diphtheria	10
Scarlet Fever	57
Typhoid Fever	2
Tuberculosis of Lungs	
Tuberculosis, other forms	
Whooping Cough	
Measles	
Ophthalmia Neonatorum	
Suppurative Conjunctivitis	
Chicken Pox	
Anterior Poliomyelitis	
Cerebro-Spinal Meningitis	1
Pneumonia, Lobar	15
Influenza	
Septic Sore Throat	
Mumps	
German Measles	06
Lethargica Encephalitiis	

The following is the number of contagious diseases reported in each ward:

1—55 2—16 3—26 4—34 5—40 6—66 7—20 8—61 **9—3**2

Estimating the population at 130,043, 129 deaths would give an annual death rate of 11.90 in 1,000

This is 33 less than last month and the same as the corresponding month in 1923.

Deaths of non-residents......5.

FRANK L. LARKIN, Secretary.



HE PRARY OF THE

# BOARD OF HEALTH

CITY OF FALL RIVER

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VOLUME X

JUNE 1924

NUMBER 6

#### SCARLET FEVER

From the latter part of January up to the end of May, we have had considerably more Scarlet Fever reported than we ordinarily should expect during these months. At first, when it was noticed that the number of cases being reported was increasing and above normal, it was thought that "missed" cases among children of our foreign born parents were responsible for the increase. A careful check of the cases being reported was made but this belief was not borne out as practically no hill with Sasplet Foreign was children who were reported as ill with Scarlet Fever were of that group. In March when the peak of the incidence of Scarlet Fever was reached, it was noted that cases of German Measles were being reported quite frequently and that the same was true of Measles although the number of reports of the latter disease was below normal. In April there was a slight drop in the number of cases of Scarlet Fever but a sharp rise in the number of reports of German Measles and of Measles. The following month there was an abrupt decline of about fifty per cent in the reported cases of each of these three diseases.

From our investigation of the cases reported, we have arrived at the conclusion that the large number of cases of Scarlet Fever was due to so called "light" cases of the disease. These cases were either not noticed by of the disease. These cases were either not noticed be the parents or if they were, were considered to be "only German Measles or Measles, and were not seen by physicians. Only one death was due to these diseases, one Scarlet Fever case resulting fatally in March. The source of infection in the fatal case has not been definitely determined but possibly some parent who did not consider it necessary to call a physician to see a young-ster who "only" had German Measles, was responsible, as that youngster may have had Scarlet Fever and com-municated the disease to the one who died.

Many people believe that any mother can tell when a child has Measles or German Measles, and that there is no need for a physician treating children ill with these diseases of childhood. We have on many occasions warned parents of the seriousness of Measles and the necessity of medical attendance to prevent serious after effects and again do so. Because we have been fortunate enough not to have a greater mortality from the large number of cases of Scarlet Fever, we must not get the impression that such is always to be true. And although but one death resulted, we are sure that other serious results were caused and that some time in the future there will develop diseases and defects due to the failure to recognize and treat these mild cases of the past few months.

In the following table the endemic index for the month is given in parenthesis.

	Scarlet Fever		German Measles	Measles	
January	(13)	21	1	(73)	. 4
February	(16)	28	4	(102)	7
March	(17)	68	£ 19	(51)	29
April	(15)	57	96	(31)	63
May .	(14)	23	50	(36)	32

#### BEWARE OF CANCER CURES!

The alleged discovery of a serum for the treatment of cancer by Dr. T. J. Glover of Toronto, Canada, which has received so much publicity in the press, will unquestionably cause a good many sufferers from this disease to spend their money and time on Dr. Glover's remedy in the hope of getting relief from their suffering. This is apparently the same serum which was tried out by Dr. Francis Carter Wood, Director of Cancer Research of the Crocker Laboratory of New York City in 1921, and by the American Medical Association in the same year, as well as by the Canadian medical profession.

Dr. Glover's methods of advertising, soliciting business and making claims for the value of his remedy bear all the earmarks of absolute fraud, and sufferers from cancer in this State and elsewhere are warned against patronizing him or his representatives or making use of his remedy.

The cause of cancer is not known. There is no indication that it is due to a specific organism. The only known remedy is diagnosis at an early stage followed by the use of surgery, x-ray and radium, separately or in combination.

—Health News, New York State Department of Health.

One of the interesting pamphlets prepared and isone of the interesting pampinets prepared and issued by the Propaganda Department of the Journal is called Cancer "Cures" and "Treatments." This pamphlet of 63 pages describes some of the most flagrant instances of cancer frauds which have been known in the United States. A reading of it will convince any thoughtful person of the profits made by unscrupulous persons in promoting cancer cures and will show the large amount of harm which may be done in this direction.

The whole story is not told by any means by this pamphlet. It makes record of but a few typical instances of imposition. It gives no account, for example, of some of the large and elaborate samples of advertising which come to the office of the American Society for the Control of Cancer. Some of these are books expensively gotten up. They sometimes have photographs of the proprietors, pictures of extensive buildings and grounds connected with the so-called sanatoria, pages of testimonials, and every appearance of respon-

sibility and worth.

What medical frauds dread most is publication of

the truth about their business.

The entire subject of cancer "cures" and cancer "treatments," including the practices of exponents of cults, should be investigated in a comprehensive and thoroughgoing manner and the results widely published. It would be eminently appropriate for the American Society for the Control of Cancer to carry on this work. The effort would unquestionably result in the saving of many lives. It would save thousands of dollars to persons who can ill afford to submit to the extortionate practices of the unscrupulous men and women who now prey upon them. The Society would be glad to make this investigation, if it had the money with which to pay the necessary expenses involved.

# MORTALITY FOR THE MONTH OF MAY, 1924

1	Endemic or Infectious Direases.			I.—General Diseases Not Included		III
1			43	Above. Cancer or other malignant tumors		7
	and para-typhoid)		10	of the buccal cavity		7
	1. Paratyphoid fevers			0. Cancer of the lip		
2	Typhus fever (exanthematous)		İ	1. Cancer of the tongue 2. Cancer of the mouth		
3	Relapsing fever (spirillum obermei- eri)			3. Cancer of the jaw		7
4				4. Others		
5	Malarial fever or cachexia		44	Cancer or other malignant tumors of the stomach and liver		7:
	0. Malarial fever			0. Cancer of the pharvnx	1	1
6	Smallpox			Cancer of the pharynx      Cancer of the esophagus		
7	Measles			2. Cancer of the stomach	5	
8	Scarlet fever		1	3. Cancer of the liver and gall bladder		
9	Whooping cough Diphtheria	4	45	Cancer or other malignant tumors		1
11	Influenza	*		of the peritoneum, intestines and		
	Complications:			o. Cancer of the mesentery and		74
	0. Pneumonia			peritoneum		
	2. Heart diseases			1. Cancer of the intestines (ex-		
	3. Nephritis			cept rectum)	2	75
	4. Meningitis			annus		
	r. Puerperal			3 Others		76
	7. Others		46	Cancer or other malignant tumors of the female genital organs		77
12	Miliary fever			0. Cancer of the ovary and		78
13 14				fallopian tubes		
15	Cholera nostras (choleriform en-			1. Cancer of the uterus	2	80
	eritis)			vulva		81
16	Dysentery 0. Amebic			3. Others		
	1. Bacillary		47	Cancer or other malignant tumors of the breast	1)	
	2. Unspecified or due to other		48	Cancer or other malignant tumors	2	82
17	Plague			of the skin		83
	0. Bubonic		49	Cancer or other malignant tumors of other or unspecified organs		84
	1. Pneumonic		1	0. Cancer of the larynx		04
	2. Septicemic			1. Cancer of the lung and		
18	Yellow fever			pleura		
19	Icterohemorrhagica spirochetosis			2. Cancer of the pancreas 3. Cancer of the kidneys and		
20	Leprosy			suprarenals		
21	Erysipelas			4. Cancer of the prostate 5. Cancer of the bladder		
22 23	Acute poliomyelitis  Encephalitis lethargica			6. Cancer of the brain		
24	Epidemic cerebro-spinal meningitis		-	7. Cancer of the bones (except		85
25	Other epidemic diseases			jaw) 8. Cancer of the testes		
	0. Varicella			9. Others		
	1. Rubella	1	50	Benign tumors and tumors not re-		
26	Purulent or septicemic infection			turned as malignant (except be- nign or non-specified tumors of		IV
27	Glanders and farcy			the ovary and uterus—136, 138)		86
28	Malignant pustule (anthrax)			0. Tumor of the brain		87
29 30	Rabies			2. Tumor of abdomen		
31	Mycoses			3. Tumor of bladder		88
32	Tuberculosis of the respiratory sys-	12	1	4. Tumor of prostate		00
33	Tuberculosis of the meninges or of	14	51	Acute febrile articular rheumatism.		
	the central nervous system	Ħ	52	Chronic rheumatism or gout		
34	Tuberculosis of the intestines or			0. Chronic rheumatism		90
35	Tuberculosis of the vertebral column		53	Scurvy		91
36	Tuberculosis of the joints		54	Pellagra	- 1	92
37	Tuberculosis of other organs and		55 56	Beri-beri Rickets		
	o. Tuberculosis of the skin or		57	Diabetes	3	93
	subcutaneous cellular tissue		58	Anemia, Chlorosis	1	94
	1. Tuberculosis of the bones			0. Pernicious anemia	1	
	(except vertebral column). 2. Tuberculosis of the lym-		59	Diseases of the pituitary gland		95
	phatic system (except the		60	O. Exophthalmic goitre		
	mesenteric and retroper-			1. Other diseases of the thy-		V
	itoneal glands)			roid gland		96
	urinary system		61	Diseases of the parathyroid gland Diseases of the thymus		
morne	4. Tuberculosis of other organs		63	Addison's' disease (disease of the adrenals)		
38	Disseminated tuberculosis		0.4	adrenals)	1	97
	berculosis of the lungs, ex-		64 65	Diseases of the spleen Leukemia and Hodgkin's disease	ì	0.0
	cept that specified as			0. Leukemia		98
	chronic or pulmonary)		66	1. Hodgkin's disease		
39	Syphilis (includes syphilic infection		67	Alcoholism (acute or chronic) Chronic poisoning by mineral sub-		
	of any organ, tissue or structure			stances		
	of the body)			0. Chronic lead poisoning	1	
	0. Primary 1. Secondary		68	1. Others		99
				stances		
	2. Tertiary	1				
	2. Tertiary 3. Hereditary		69	Other general diseases		
ΨŌ	2. Tertiary		69	Other general diseases		100
	2. Tertiary 3. Hereditary 4. Period not specified statistics only statistics only		69	Other general diseases		100
40 41	2. Tertiary 3. Hereditary 4. Period not specified statistics only) Gonococcal infection except that of		69	Other general diseases		100
	2. Tertiary 3. Hereditary 4. Period not specified statistics only statistics only		69	Other general diseases	1	

IS, (	Остовек, 1920.	
III-	-Diseases of the Nervous Syste	m
70 71	and Organs of Special Sense. Encephalitis Meningitis	1.
	Simple     Non-epidemic cerebro-spin- al meningitis	
72	Progressive locomotor ataxia (tabes	
73	dorsalis) Other diseases of the spinal cord  0. Bulbar paralysis (Duchen-	
	nes disease)	
	1. Paralysis agitans (Parkinson's disease)	
	Acute ascending spinal paralysis (Landry's disease)  Myelitis	
74	4. Others	
	Cerebral hemorrhage     Cerebral thrombosis and em-	3
75	bolism	1
	Paralysis (without specified cause)  0. Hemiplegia  1. Other forms of paralysis General paralysis (of the insane)	1
76 77	Other forms of mental alienation	
78 <b>79</b>	Epilepsy Convulsions (non-puerperal) (5 years and over)	
80	Infantile convulsions (under five years of age)	
81	Chorea	
	1. Hysteria and neuralgia 2. Neuritis	
82 83	1. Hysteria and neuraigia 2. Neuritis Softening of the brain Other diseases of the nervous system	
84	Diseases of the organs of vision and adnexa except gonococcal infection, No. 42  0. Diseases of the eye (except type)	1
	tion, No. 42	
	V4111V1 / 00000000000000000000000000000000	
	Follicular conjunctivitis     Trachoma     Tumors of the eye  Other diseases of the eye or	
	4. Other diseases of the eye or its adnexa	
85	Diseases of the organs of hearing and the mastoid process	0.
	and the mastoid process  0. Diseases of the ear.  1. Diseases of the mastoid process	3:
IV 86	-Diseases of the Circulatory System	m
87	Pericarditis  Acute endocarditis and myocarditis	3
88	1. Acute myocarditis	1
89	0. Acute endocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart. 1. Chronic endocarditis	8
	2. Other chronic diseases of	8
90 91	AneurismAtheroma and other diseases of the	13
92	Embolism and thrombosis (overt	8.
93	Cerbral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system	
94	Diseases of the lymphatic system	
95	(lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the cir-	
V.—	culatory system	
96	Disease of the , nasal fossae and their adnexa	113
	0. Diseases of the nasal fossae	
97	Diseases of the larynx (except tuberculosis and cancer)  Bronchitis	
98	## Description	1
	2. Not otherwise defined under	2
	5 years of age  5. Not otherwise defined, 5 years and over	1
99	Broncho pneumonia (incuding cap-	
	0. Broncho pneumonia	5
100	Pneumonia	6
101	1. Not otherwise specified	
	0. Pleurisy	

100	Congestion or parenchymatous hem-	1	VII.—The Puerperal State.		3. Cocaine
102	orrhage of the lung		0. Abortion		4. Lysol
103	Gangrene of the lung		1. Ectopic gestation		5. Opium (morphine)
	Asthmal Emphysema of the lung	1	2. Other accidents of preg-		6. Wood alcohol
	Other diseases of the respiratory	144	Puerperal hemorrhage		8. Not specified or unknown
	system (tuberculosis excepted)		Other accidents of childbirth	178	Conflagration
	0. Chronic interstitial pneumo-		0. Cesarian section	179	Accidental burns and scalds (con-
	nia (including occupational diseases of the lung)		1. Other surgical operations		flagration excepted)
	1. Diseases of the mediasti-		and instrumental delivery		1. Lamps
	num	146	2. Others Puerperal septicemia		2. Steam
	2. Others	147	Phlegmasia alba dolens, puerperal		3. Hot fluids
371	Discourse of the Discotion Court		embolism or sudden puerperal		4. Matches
	Diseases of the Digestive System	149	death		6. Others
107	Diseases of the mouth and adnexa  0. Diseases of the teeth and	140	sions 1		7. Unknown
	gums	149	Childbirth (without other explana-	180	Accidental mechanical suffocation
	1. Other diseases of the buccal		tion)		0. Foreign body in laryux
	cavity and adnexa		Puerpera: diseases of the breast		1. Overlying
108	Diseases of the pharynx and tonsils	1X	-Diseases of the Skin or Cellular	181	Accidental absorption of irrespir-
	(includes adenoids)	151	Tissue.		able or poisonous gas
	1. Ludwig's angina	151	Boil, carbuncle, furuncle		1. Chloroform or ether
	2. Tonsilitis	153	Phlegmon, acute abscess 1		1. Chloroform or ether
	3. Adenoids	154a	Tinea and alopecia (morbidity		8. Ammonia fumes
109	4. Others	1541	only)		4. Sewer gas
	Ulcer of the stomach and duode-		Other diseases of the skin and its		5. Other gases
	num	1	adnexa	192	Assidental drawning
	0. Ulcer of the stomach	X	Diseases of the Bones and Organs	104	Accidental drowning
4 4 4	1. Ulcer of the duodenum 1		of Locomotion.		1. Others
111	Other diseases of the stomach (can- cer excepted	156	Diseases of the bones (tubercu-	183	Accidental injury by firearms
	0. Indigestion		losis excepted)	204	(wounds of war excepted)
	1. Gastritis	157	Diseases of the joints (tubercu- losis and rheumatism excepted)	184	Accidental injury by cutting or piercing instruments
	2. Stricture or stenosis of py-	158	Other diseases of the bones or or-	185	Accidental injury by falls
	lorus	1	gans of locomotion		0. Down shafts, hatchways,
112	3. Others		XI.—Malformations.		holds of vessels
	years of age)	159	Congenital malformations (still-		1. Down stairs
113	Diarrhea and enteritis (2 years and	1	births excepted)		2. From buildings
114	over)		0. Hydrocephalus 1 1. Malformations of the heart 4		4. From scaffolds
	Ankylostomiasis		2. Others 1		5. From windows
X 1 U	parasites	,	KII.—Diseases of Early Infancy.		6. From vehicles
	0. Cestodes (hydatids of the	160	Congenital debility, icterus and		7. On streets, sidewalks, etc
	liver excepted)		sclerema	186	Accidental traumatism in mines and
	1. Trematodes		0. Marasmus	. 200	quarries
	2. Namatodes (other than ankylostoma)		1. Inanition		0. In mines
	3. Coccidia		2. Icterus		1. In quarries
	4. Other parasites		4. Others	187	Accidental traumatism by machine  0. Deaths by machinery
	5. Parasites not specified	161	Premature birth, or consequence of		1. Deaths by elevators
	Appendicitis and typhlitis		labor	188	Accidental traumatism by other
117	Hernia, intestinal obstruction		0. Premature birth	1	crushing (vehicles, railways,
	1. Intenstinal obstruction	162	1. Injury at birth 2 Other diseases peculiar to early in-		landslides, etc.)
118	Other diseases of the intestines	102	fancy		0. Run over by wagons, trucks, etc.
	0. Diseases of the anus and		0. Asphyxia neonatorum		1. Run over by automobiles
	stercoral fistulae		1. Atelectasis		2. Run over by other vehicles
	tines		2. Umbilical infection		8. Run over by electric surface
119	Acute yellow atrophy of the liver		3. Umbilical hemorrhage		cars
	Hydatid tumor of the liver	163	Lack of care		4. Run over by steam railroad
121	Cirrhosis of the liver	1	XIII.—Old Age.		5. Run over by elevated rail-
	0. Returned as alcoholic	164	Old age (senility)		road cars
122	Biliary calculi		XIV.—External Causes.		6. Run over by subway cars
123	Other diseases of the liver	163	Lack of care		7. Crushed by falling bodies 8. Crushed by derricks, stones,
124	Diseases of the pancreas except		(corrosive substances excepted) 0. Opium, morphine		etc
125	Peritonitis of unstated cause		1. Strychnine		9. Other causes
	Other diseases of the digestive		2. Chloroform (ether)	189	Injuries by animals (not poisoning)
	system (cancer and tuberculosis		3. Others	190	Wounds received in war
	excepted)	166	Suicide by corrosive substances	191	Executions of civilians by bellig- erent armies
VII.	-Non-Venereal Diseases of the		0. Arsenic (paris green)		Excessive labor
	Genito-Urinary System and		2. Carbolic acid	1926	Starvation (deprivation of food or
			3. Cyanides (prussic acid)	193	Excessive cold
	its Adnexa.		4. Oxalic acid 5. Muriatic acid (hydrochloric	193	Excessive deat
127	Acute nephritis (including unspeci-		acid)	195	Lightning
	fied under 10 years of age)		6. Other corrosive poisons	196	Other accidental electric shocks
128	Chronic nephritis (including un-	167	Suicide by poisonous gas	197	Homicide by firearms
129	specified over 10 years of age 7 Chyluria		0. Illuminating gas	198	struments
130	Other diseases of the kidneys and		1. Chloroform	199	Homicide by other means
	their adnexa (diseases of the		3. Others	200	Infanticide (murder of infants le
1	kidney in pregnancy excluded)	168.	Suicide by hanging or strangulation	201	than 1 year of age) Fracture (cause not specified)
131	Calculi of the urinary passages	169	Suicide by drowning	201	0. Dislocations
132	Diseases of the bladder (except		0. Rivers, etc		1. Sprains
133	Diseases of the urethra, urinary	170	1. Others		2. Fractures (cause un pecified)
230	ab-cess, etc.	1	instruments	202	Other external violence
	0. Stricture of the urethra	171	Suicide by cutting or piercing in-		0. Criminal abortion
404	1. Others	1	struments		1. Explosions
. 134	Disease of the prostate (except)	172	Suicide by jumping from high		3. Other medicaments (injec-
135	Non-veneral diseases of the male	173	places		tion)
.30	genital organs	174	Other suicides		4. Other external violence
156	Diseases of the bones (tubercu-		Poisoning by food	203	Violent deaths of which the cause
	the ovary		0. Mushrooms		is unknown
137	Salpingitis or pelvic abscess Benign tumors of the uterus		1. Shell fish	204	XV.—III-Defined Diseases. Sudden death.
138 139	Non-puerperal uterine hemorrhage		2. Pork sausages	204	Cause of death not specified or ill-
140	Metritis	176	Poisoning by venomous animals		defined
141	Other diseases of the female genital	177	Other acute accidental poisonings		0. Ill-defined or not specified
	organs	2	(gases excepted)	A	1. No disease; malingering 2. Surgical operation
142	Non-puerperal diseases of the	1	0. Ethyl alcohol 1. Bichloride of mercury		
143	Accidents of pregnancy		2. Carbolic acid		TOTAL 154
140	Trousens or programmy minimum.			on our Monnager	
_			The state of the s		

### CONTAGIOUS HOSPITAL REPORT FOR MAY, 1924

	Anterior Poliomyelitis Cerebro-Spinal	Meningitis	Septic Sore Throat	Diphtheria	Measles and Chicken Pox	Scarlet Fever	Scalet Fever and Diphtheria	Tonsilitis	Diphtheria and Ophthalmia Neonatorum	Pneumonia (Lobar)	Acute Mèningitis	Mumps	Typhoid Fever	Whooping Cough	Influenza	Scarlet Fever with Chiken Po	German Measl	Scabies	Total
Patients admitted Termination { Recovery Death Left without permission	1		•••	8 6 2		14 22				••••		0.00	••••	1				****	25 29 2 1

DEATHS	ву	AGES

		60	male
	ota	Males	60
Under 1 day	6	<b>≥</b> .	2
1-2 days	2	0	2
2-3 days	0	0	0
3 days-1 week	4	2	2
1-2 weeks	2	0	2
2-3 weeks	1	1	0
3 weeks-1 month	0	0	0
1-2 months	1	1	0
2-3 months	1	0	1
3-6 months	8	5	3
6-9 months	3	2	1
9-12 months	1	1	0
1 year	6	3	3
2 years	3	0	3
3 years	0	0	0
4 years	1	1	0
5-9 years	4	2	2
10-14 years	2	1	1
15-19 years	4	1	3
20-24 years	3	1	2
25-29 years	5	4	1
30-34 years	4	2	2
35-39 years	6	2	4
40-44 years	3	3	0
45-49 years	4	3	1
50-54 years	13	5	8
55-59 years		1	2
60-64 years		8	6
65-69 years		7	7
70-74 years		8	7
75-79 years	9	7	2
80-84 years	8	2	6
85-89 years	3	1	2
90-94 years	1	0	1
95-99 years	0	0	0
100+	0	0	0
Unknown	0	0	0
Total1	54	78	76

#### DEATHS BY WARDS

1		15
2	2	23
3	3	11
4		9
5	5	12
6	5	16
á	T	5
8	3	42
		0.1

#### HOSPITALS

Fall River General Hospital17
Union Hospital 13
St. Anne's Hospital 1
Bay View Hospital 3
Truesdale Hospital 6
Contagious Hospital 2
City Home10
Home for Aged

#### STILL BIRTHS

Males	 	7
Females	 	5
Unknown	 	1
Total	 	13

NATIVITY	
Fall River	60
Massachusetts	9
Other States	8
Ireland	8
Canada	20
England	27
Scotland	1
Germany	
Azores	16
Austria	
France	
Belgium	
Russia	2
Portugal	
Italy	1
Poland	
Denmark	
Australia	
Sweden	
Spain	
Armenia	
Finland	
Cape Verde Islands	
ā :	

#### CEMETERIES

Oak Grove...

Widowed ..... Divorced...... Unknown....

North Burial Ground12
St. John's 5
St. Mary's
St. Patrick's32
Notre Dame
Nwoo Hill
Agedas Aham 1
Our Lady of Light 1
St. Mary's Polish
Sent away for interment17
Brought here for interment21
SEX
Male 78
Female 76

# Female COLOR

, .	
CONDITION	
	45 67

### There were 238 cases of contagious diseases reported for May, viz:

Diphtheria	.23	
Scarlet Fever	.23	
Typhoid Fever	. 2	
Tuberculosis of Lungs		
Tuberculosis, other forms	. 3	
Whooping Cough	.21	
Measles	32	
Ophthalmia Neonatorum	-13	
Suppurative Conjunctivitis		
Chicken Pox	. 3	
Anterior Poliomyelitis		
Cerebro-Spinal Meningitis	. 1	
Pneumonia, Lobar	.16	
Influenza		
Septic Sore Throat	. 1	
16	10	

Dog Bite requiring anti-rabic treatment 1

Gonnorrhea

Syphilis .....

The following is the number of contagious diseases reported in each ward:

1-31 2--22 3-17 4--24 5--26 6--56 7-7 8-27 9-28

Estimating the population at 130,043, 154 deaths would give an annual death rate of 14.21 in 1,000 This is 25 more than last month and 8 more than the same month in 1923.

Deaths of non-residents.....10.

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

Unknown.

0111



# MONTHLY BULLETIN

-OF THE-

### BOARD OF HEALTH

CITY OF FALL RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH, CITY OF FALL RIVER, MASS. SAMUEL B. MORRISS, AGENT.

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HEALTH DEPARTMENTS PLEASE EXCHANGE.

VOLUMBE X

JULY 1924

NUMBER 7

#### TYPHOID FEVER

For the past few years, we have annually noted with much satisfaction that the number of cases of Typhoid Fever reported has been decreasing steadily, following a sharp decline in 1919. In that year, the deaths from Typhoid Fever fell from seventeen, (the number for 1918 and an average of 15.8 for the previous five years), to four and since then although the cases have continued to decrease the deaths have been about the same, varying from three to six a year, the number for last year being five with twenty-nine cases. That we may expect a further decrease in the number of cases is indicated by the following table. It is of course especially gratifying to have passed the half year without having a single death occur from this disease. We are not going to be optimistic enough to say that the same will hold true of the second half of the year, but we are hopeful that such may be the case, and that at the end of the year we will be able to announce that we have completed the year 1924 without having had a death from Typhoid Fever.

1	923	1924			
. Cases	Deaths	Cases	Deaths		
January 2	1	0	0		
February 1	0	2	0		
March 1	0	0	0		
April 3	1	2	0		
May 1	0	2	0		
June 6	0	2	0		
Totals14	2	8	0		

Whether or not our hopes will be realized depends upon our people themselves. Those who have had Typhoid Fever and may possibly be carriers have an especial duty to their relatives, friends and the public. They should at all times be very careful of their personal hygiene, for carelessness may result in their transmitting Typhoid Fever to others. As a rule at this time of the year we look forward to "Vacation Typhoid" brought back to the city by vacationists who have not been wise in their choice of vacation resorts. The purest sea or country air will avail nothing if the water and food supplies of the resort visited are not safe, or if unsanitary and unscreened privies are accessible to filthy flies. In planning for vacation, thought should be given to the sanitary condition of the place or resort to be visited, as otherwise conditions noted above may be encountered. With such conditions the damage that may be done by a typhoid carrier is unlimited. may be done by a typhoid carrier is unlimited.

The taking and eating of uncooked shell-fish from sources close to sewer outlets and bathing in such localities and in streams and ponds contaminated by sewage must also be avoided. In 1917 investigation of cases of typhoid fever disclosed the fact that the majority of the cases reported were youngsters who were in the

habit of bathing or swimming in and the taking and eating of raw shell-fish from such localities. As a result, a regulation was adopted by the Board of Health forbidding the practice of bathing in such places, and early each summer notices calling attention to this regulation are posted at or near all sewer outlets and along all streams, ponds, etc., in the city that are so contaminated. The notice reads as follows:

BOARD OF HEALTH NOTICE

The Board of Health hereby gives public notice that it deems PATHING in the waters of Taunton River in the vicinity of any sewer outlet, or in the waters of any nord, stream or capal conveying the water from the Watuppa Ponds below the Sandbar, or Cook Pond to tidewater as dangerous to public health and forbids the same under benalty of a FINE OF ONE HUNDRED Per order,

BOARD OF

CAUTION!!!
TYPHOID FEVER may be contracted by eating uncooked SHELL-FISH. Therefore, SHELL-FISH taken on the shore of Taunton River in this city should not be eaten raw.

However, as'we are all apt to be careless at times and everyone who goes on vacation is not able for many reasons to investigate the sanitary conditions of the resort that is to be visited, advantage should be taken of Typhoid Fever prophylaxis. If you intend going away for the summer or any part of it you should positively be protected against this disease.

And even though you are not going away, it is worth while to protect yourself against infection from "carriers" who although unknown are among us, and because they are unknown are doubly dangerous.

Some health officials are of the opinion that Typhoid Fever is a vanishing disease, and our figures for the past five years would seem to indicate that as far as Fall River is concerned that the disease is gradually vanishing. But until our people realize that it is within their collective power under the leadership of the health department to banish typhoid it will not entirely disappear, and it is to the fact that our citizens have followed the advice given from time to time by this department in availing themselves of anti-typhoid vaccination and giving care to sanitary conditions in general, that we attribute our immunity from this disease.

A supply of vaccine is kept constantly on hand in the Board of Health office. Your family physician will be only too pleased to protect you by its use. Why not do your duty to yourself and the public by arranging with your physician for this protective treatment?

### MORTALITY FOR THE MONTH OF JUNE, 1924

INTERNATIONAL LIST OF CAUSES OF DEATH, AS ADOPTED AT THE THIRD INTERNATIONAL CONGRESS FOR THE REVISION HELD AT PARIS, OCTOBER, 1920.

I.	-Endemic or Infectious Diseases.		11	I.—General Diseases Not Include
1	Typhoid fever (abdominal typhoid		43	Above. Cancer or other malignant tumors
	and para-typhoid)			of the buccal cavity
2	1. Paratyphoid fevers			1. Cancer of the tongue
3	Relapsing fever (spirillum obermei-	- 1		2. Cancer of the mouth
4	eri)			4. Others
5	Malarial fever or cachexia	- 1	44	Cancer or other malignant tumor of the stomach and liver
	0. Malarial fever			0. Cancer of the pharynx
6	Smallpox			1. Cancer of the esophagus 2. Cancer of the stomach
8	Scarlet fever	- 1		3. Cancer of the liver and gal
9	Whooping cough	1	45	Cancer or other malignant tumor
10 11	Diphtheria	1		of the peritoneum, intestines and
	Complications:			0. Cancer of the mesentery and
	1. Bronchitis			peritoneum
	2. Heart diseases	- 1		cept rectum)
	4. Meningitis	- 1		2. Cancer of the rectum and
	5. Gastro intestinal 6. Puerperal			3. Others
	7. Others		46	Cancer or other malignant tumor of the female genital organs
12	Miliary fever			0. Cancer of the ovary and
13 14	MumpsAsiatic cholera			fallopian tubes  1. Cancer of the uterus
15	Cholera nostras (choleriform en-			2. Cancer of the vagina and
16	Dysentery			vulva
	0. Amebic 1. Bacillary		47	Cancer or other malignant tumor of the breast
	2. Unspecified or due to other causes		48	Cancer or other malignant tumor
17	Plague		49	of the skin
	0. Bubonic			of other or unspecified organs
	2. Septicemic			0. Cancer of the larynx 1. Cancer of the lung and
	3. Unspecified			pleura
18	Yellow fever			2. Cancer of the pancreas 3. Cancer of the kidneys and
20	Leprosy			suprarenals
21	Acute poliomyelitis	1		4. Cancer of the prostate 5. Cancer of the bladder
22 23	Encephalitis lethargica			6. Cancer of the brain
24	Epidemic cerebro-spinal meningitis	2		jaw)
25	Other epidemic diseases			8. Cancer of the testes 9. Others
	1. Rubella		50	Benign tumors and tumors not re
26	2. Septic Sore Throat  Purulent or septicemic infection			turned as malignant (except be nign or non-specified tumors of
27	Glanders and farcy			the ovary and uterus-136, 138)
28 29	Malignant pustule (anthrax) Rabies			0. Tumor of the brain
30	Tetanus			2. Tumor of abdomen
31	Mycoses			4. Tumor of prostate
	tem	5	51	5. Tumor of other location
33	Tuberculosis of the meninges or of the central nervous system	1	52	Acute febrile articular rheumatism Chronic rheumatism or gout
34	Tuberculosis of the intestines or	-		0. Chronic rheumatism
35	Tuberculosis of the vertebral column		53	Scurvy
36	Tuberculosis of the joints		54 55	PellagraBeri-beri
37	Tubercu osis of other organs and structures		56	Rickets Diabetes
	0. Tuberculosis of the skin or		57 58	Anemia, Chlorosis  O. Pernicious anemia
	subcutaneous cellular tissue 1. Tuberculosis of the bones			0. Pernicious anemia
	(except vertebral column).  2. Tuberculosis of the lymphatic system (except the		59	Diseases of the pituitary gland
	2. Tuberculosis of the lym- phatic system (except the		60	0. Exophthalmic goitre
	mesenteric and retroper- itoneal glands)			1. Other diseases of the thy
	3. Tuberculosis of the genito-		61	roid gland  Diseases of the parathyroid gland
	urinary system4. Tuberculosis of other organs		62	Diseases of the thymus
38	Disseminated tuberculosis		63	Addison's' disease (disease of the adrenals)
	0. Acute (including miliary tu-		64	Diseases of the spleen
	berculosis of the lungs, ex- cept that specified as	İ	65	Leukemia and Hodgkin's disease  0. Leukemia
	chronic or pulmonary)		66	0. Leukemia 1. Hodgkin's disease
39	Syphilis (includes syphilic infection		67	Chronic poisoning by mineral sub
	Syphilis (includes syphilic infection of any organ, tissue or structure			o. Chronic lead poisoning
	of the body)			1. Others
	1. Secondary		68	Chronic poisoning by organic sub
	2. Tertiary		69	Other general diseases
40	3. Hereditary			0. Acidosis
40	statistics only)			2. Autointoxications
				8. Hemophilia
41	the eye or adnexa			4. Purpura hemorrhagica

III-	-Diseases of the Nervous System	700
	and Organs of Special Sense.	
70 71	Encephalitis	
71	Meningitis  0. Simple	
	Simple     Non-epidemic cerebro-spin- al meningitis	
72	Progressive leasements stania	
	dorsalis)	
73		
	Other diseases of the spinal cord  0. Bulbar paralysis (Duchen-	
	ne's disease)	
	son's disease!	
	2. Acute ascending spinal par- alysis (Landry's disease)	
	alysis (Landry's disease)  B. Myelitis	
	4. Others	
74	Cerebral hemorrhage, apoplexy	
	0. Cerebral hemorrhage 1. Cerebral thrombosis and em-	16
	bolism	1
75	Paralysis (without specified cause)  0. Hemiplegia	
	1. Other forms of paralysis	
76	1. Other forms of paralysis  General paralysis (of the insane)	
77 78	Other forms of mental alienation	
78 79	Epilepsy	
	years and over)	
80	Infantile convulsions (under five	
81	Chorea	
-	0 Chores	
	Hysteria and neuralgia     Neuritis     Softening of the brain  Other diseases of the nervous sys-	
82	Softening of the brain	
83	Other diseases of the nervous sys-	
	Diseases of the	
84	tem  Diseases of the organs of vision and adnexa except gonococcal infection, No. 42	
	tion, No. 42	
	U. Diseases of the eye (except	
	tumor)  1. Follicular conjunctivitis	
	0 70 1	
	3. Tumors of the eye	
	4. Other diseases of the eye or	
85	Discours of the events of heaving	
	and the mastoid process	
	0. Diseases of the ear	
	1. Diseases of the mastoid process	1
IV		
86	Pericarditis	m68
87	Acute and conditio and manageditic	
	1. Acute endocarditis	1 2
88	O. Acute endocarditis  1. Acute myocarditis  Angina pectoris  Other diseases of the heart	2
89	Other diseases of the heart	
	0. Chronic endocarditis	2
	1. Unfoine myocardina	1
	the heart	6
90 91	Aneurism	
	arteries	
92	arteries  Embolism and thrombosis (except cerbral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined	
93	Diseases of the veins (various	
	hemorrhoids, phlebitis, etc.)	
94	Diseases of the lymphatic system	
95	Hemorrhage without determined	
95	cause; other diseases of the cir-	
	culatory system	
V	Disease of the Respiratory Syste	m
96	Disease of the nasal fossae and	
	their adnexa	
	1. Others	
97	Diseases of the larynx (except tuberculosis and cancer)	
98	Bronchitis	
20	0. Acute	3
	1. Chronic defined under	
	2. Not otherwise defined under 5 years of age	1
	3. Not otherwise defined. 5	1
	S. Not otherwise defined, 5 years and over	
199	Broncho pneumonia (incuding cap-	
	illary pronchitis!	5
	1. Capillary bronchitis	
100	Pneumonia	4
	1 Net otherwise specified	
101	Pleurisy	
	0. Pleurisy	1

102	Congestion or parenchymatous hem-		VII The Puerperal State.		8. Cocaine
103	Gangrene of the lung		0. Abortion		4. Lysol
104	Asthma		1. Ectopic gestation		6. Wood alcohol
105	Other diseases of the respiratory	144	nancy		7. Others
	system (tuberculosis excepted)	144 145	Puerperal hemorrhage	178	Conflagration
	Chronic interstitial pneumo- nia (including occupational		0. Cesarian section	179	Accidental burns and scalds (con- flagration excepted)
	diseases of the lung)		1. Other surgical operations and instrumental delivery		0. Stoves 1
	1. Diseases of the mediasti- num	146	2. Others		1. Lamps
	2. Others 1	147	Puerperal septicemia		3. Hot fluids
VI_	Diseases of the Digestive System		embolism or sudden puerperal		4. Matches
	Diseases of the mouth and adnexa	148	Puerperal albuminuria or convul-		6. Others
	0. Diseases of the teeth and	149	sions 1 Childbirth (without other explana-	180	7. Unknown
	1. Other diseases of the buccal		tion)		0. Foreign body in larynx
100	cavity and adnexa		Puerperal diseases of the breast		1. Overlying
108	Diseases of the pharynx and tonsils (includes adenoids)	IA	—Diseases of the Skin or Cellular Tissue.	181	Accidental absorption of irrespir-
	0. Streptoccic sore throat	151	Gangrene		able or poisonous gas
	1. Ludwig's angina	152 153	Boil, carbuncle, furuncle		1. Chloroform or ether
	3. Adenoids		Tinea and alopecia (morbidity		2. Coal gas
109	4. Others Diseases of the esophagus	154b	only) Pruritis (morbidity only)		4. Sewer gas
110	Ulcer of the stomach and duode-		Other diseases of the skin and its		6. Unknown
	num	Y	-Diseases of the Bones and Organs	182	Accidental drowning
111	1. Ulcer of the duodenum Other diseases of the stomach (can-	22,000	of Locomotion.		0. Rivers, ponds, etc
111	cer excepted	156	Diseases of the bones (tubercu-	183	Accidental injury by firearms
	0. Indigestion	157	losis excepted)	184	(wounds of war excepted)
	2. Stricture or stenosis of py-		losis and rheumatism excepted)		piercing instruments
	lorus	158	Other diseases of the bones or organs of locomotion	185	Accidental injury by falls
112	Diarrhea and enteritis (under 2		XI.—Malformations.		holds of vessels
113	years of age) 3 Diarrhea and enteritis (2 years and	159	Congenital malformations (still-births excepted)		1. Down stairs
	over) 1		0. Hydrocephalus		3. From fire-escapes
114 115	Ankylostomiasis		1. Malformations of the heart. 3 2. Others 2		4. From scaffolds
	parasites	2	KII.—Diseases of Early Infancy.		6. From vehicles
	0. Cestodes (hydatids of the liver excepted)		Congenital debility, icterus and		7. On streets, sidewalks, etc 8. Other falls
	1. Trematodes		sclerema	186	Accidental traumatism in mines and
	2. Namatodes (other than ankylostoma)		1. Inanition		quarries
	3. Coccidia		2. Icterus	107	1. In quarries
	4. Other parasites 5. Parasites not specified	161	4. Others  Premature birth, or consequence of	101	0. Deaths by machinery
116	Appendicitis and typhlitis 1	101	labor	100	1. Deaths by elevators
117	Hernia, intestinal obstruction  0. Hernia		0. Premature birth 6 1. Injury at birth 3	100	crushing (vehicles, railways,
110	1. Intenstinal obstruction	162	Other diseases peculiar to early in-		lands ides. etc.)
118	Other diseases of the intestines  O. Diseases of the anus and		fancy		etc
	stercoral fistulae		1. Atelectasis 1		1. Run over by automobiles 2. Run over by other vehicles
	1. Other diseases of the intes-		2. Umbilical infection		8. Run over by electric surface
119 120	Acute yellow atrophy of the liver  Hydatid tumor of the liver		4. Others		4. Run over by steam railroad
121	Cirrhosis of the liver	163	Lack of careXIII.—Old Age.		cars
	0. Returned as alcoholic 1. Not returned as alcoholic	164	Old age (senility)		5. Run over by elevated rail- road cars
122	Biliary calculi		XIV External Causes.		6. Run over by subway cars
123 124	Other diseases of the liver 1 Diseases of the pancreas except	163	(corrosive substances excepted)		7. Crushed by falling bodies 8. Crushed by derricks, stones,
	cancer		0. Opium, morphine		etc
125 126	Peritonitis of unstated cause 2 Other diseases of the digestive		1. Strychnine	189	9. Other causes
	system (cancer and tuberculosis	200	8. Others	190	Wounds received in war
	excepted)	186	Suicide by corrosive substances  0. Arsenic (paris green)	191	Executions of civilians by bellig- erent armies
VII	.—Non-Venereal Diseases of the		1. Bichloride of mercury		Excessive labor
	Genito-Urinary System and		2. Carbo'ic acid		water)
	its Adnexa.		4. Oxalic acid	193	Excessive cold
127	Acute nephritis (including unspeci- fied under 10 years of age) 2		acid)	195	Lightning
128	Chronic nephritis (including un-	167	6. Other corrosive poisons Suicide by poisonous gas	196	Other acc'dental electric shocks Homicide by firearms
129	Specified over 10 years of age 11 Chyluria	137	0. Illuminating gas	198	Homicide by cutting or piercing in-
130	Other diseases of the kidneys and		1. Chloroform	199	Homicide by other means
	their adnexa (diseases of the kidney in pregnancy excluded)		3. Others	200	Infanticide (murder of infants less
131	Calculi of the urinary passages	168.	Suicide by hanging or strangulation Suicide by drowning	201	than 1 year of age)
132	Diseases of the bladder (except		0. Rivers, etc		0. Dislocations
133	tumors) Diseases of the urethra, urinary	170	1. Others		1. Sprains 2. Fractures (cause unspecified)
	abscess, etc.	1	instruments	202	Other external violence
	0. Stricture of the urethra 1. Others	171	Suicide by cutting or piercing in- struments		0. Criminal abortion 1 1. Explosions
134	Disease of the prostate (except)	172	Suicide by jumping from high		2. Salvarsan injection
135	Non-veneral diseases of the male	173	Suicide by crushing		3. Other medicaments (injection)
	genital organs	174	Other suicides	202	4. Other external violence
156	Diseases of the bones (tubercu-	175	Poisoning by food	203	Violent deaths of which the cause is unknown
137	Salpingitis or pelvic abscess		1. Shell fish		XVIll-Defined Diseases.
138 139	Benign tumors of the uterus		2. Pork sausages	204	Sudden death
140	Metritis	176	Poisoning by venomous animals	203	defined
141	Other diseases of the female genital	177	Other acute accidental poisonings (gases excepted)		0. Ill-defined or not specified 1. No disease; malingering
142	Non-puerperal diseases of the	1	0. Ethyl alcohol		2. Surgical operation
143	Accidents of pregnancy		1. Bichloride of mercury		TOTAL 130
		1		1	

#### CONTAGIOUS HOSPITAL REPORT FOR JUNE, 1924

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat	Diphtheria	Measles and Chicken Pox	Scarlet Fever	Scalet Fever and Diphtheria	Tonsilitis	Diphtheria and Ophthalmia Neonatorum	Pneumonia (Lobar)	Acute Meningitis	Mumps	Typhoid Fever	W hooping Cough	Influenza Pneumonia	Scarlet Fever with Chiken Po	German Measle	Scabies	Total
Patients admitted Recovery		1			8		10								1				****	20 22
Termination { Death   Death		1			1		4.8					****								2

#### DEATHS BY AGES

Under 1 day       7       6       1         1-2 days       2       1       1         2-3 days       0       0       0         3 days-1 week       5       1       4         1-2 weeks       1       0       1         2-3 weeks       1       0       1         3 weeks-1 month       2       2       0         1-2 months       0       0       0         2-3 months       1       1       0         3-6 months       5       1       4         6-9 months       4       3       1         9-12 months       3       0       3         1 year       4       2       2         2 years       2       1       1         3 years       1       0       1         4 years       0       0       0         5-9 years       0       0       0         5-9 years       0       0       0         10-11 years       1       1       0         14 years       2       1       1         20-24 years       2       1       1         20-29 year	Total	Males	Females
2-3 days       0       0       0         3 days-1 week       5       1       4         1-2 weeks       1       0       1         2-3 weeks       1       0       1         3 weeks-1 month       2       2       0         1-2 months       0       0       0         2-3 months       1       1       0         3-6 months       5       1       4         6-9 months       4       3       1         9-12 months       3       0       3         1 year       4       2       2         2 years       2       1       1         3 years       2       1       1         4 years       0       0       0         5-9 years       0       0       0         10-11 years       1       1       0         5-9 years       0       0       0         10-11 years       1       1       0         12-24 years       2       1       1         20-24 years       2       1       1         25-29 years       0       0       0         30-3	Under 1 day		
3 days-1 week       5       1       4         1-2 weeks       1       0       1         2-3 weeks       1       0       1         3 weeks-1 month       2       2       0         1-2 months       0       0       0         2-3 months       1       1       0         3-6 months       5       1       4         6-9 months       4       3       1         9-12 months       3       0       3         1 year       4       2       2         2 years       2       1       1         3 years       2       1       1         4 years       0       0       0         5-9 years       0       0       0         5-9 years       0       0       0         10-11 years       1       1       0         15-19 years       3       2       1         20-24 years       2       1       1         20-24 years       2       1       1         20-24 years       3       2       1         20-24 years       3       2       1         2	1-2 days	_	_
1-2 weeks       1       0       1         2-3 weeks       1       0       1         3 weeks-1 month       2       2       0         1-2 months       0       0       0         2-3 months       1       1       0         3-6 months       5       1       4         6-9 months       4       3       1         9-12 months       3       0       3         1 year       4       2       2         2 years       2       1       1         3 years       0       0       0         5-9 years       0       0       0         5-9 years       0       0       0         5-9 years       0       0       0         10-11 years       1       1       0         15-19 years       3       2       1         120-24 years       2       1       1         20-24 years       2       1       1         20-24 years       3       2       1         20-24 years       3       1       2         30-34 years       3       1       2			~
2-3 weeks       1       0       1         3 weeks-1 month       2       2       0         1-2 months       0       0       0         2-3 months       1       1       0         3-6 months       5       1       4         6-9 months       4       3       1         9-12 months       3       0       3         1 year       4       2       2         2 years       2       1       1         3 years       1       0       1         4 years       0       0       0         5-9 years       0       0       0         5-9 years       0       0       0         5-9 years       1       1       0         10-11 years       1       1       0         15-19 years       3       2       1         20-24 years       2       1       1         20-24 years       3       2       1         20-24 years       3       2       1         20-24 years       3       1       2         30-34 years       3       1       2         35-	3 days-1 week 5		_
3 weeks-1 month       2       2       0         1-2 months       0       0       0         2-3 months       1       1       0         3-6 months       5       1       4         6-9 months       4       3       1         9-12 months       3       0       3         1 year       4       2       2         2 years       2       1       1         3 years       1       0       1         4 years       0       0       0         5-9 years       0       0       0         5-9 years       1       1       0         10-11 years       1       1       0         15-19 years       2       1       1         15-19 years       3       2       1         20-24 years       2       1       1         20-24 years       2       1       1         20-24 years       3       2       1         25-29 years       3       1       2         30-34 years       5       2       3         40-44 years       5       2       3 <td< td=""><td></td><td>_</td><td>_</td></td<>		_	_
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30-31 years       3       1       2         35-39 years       6       3       3         40-44 years       5       2       3         45-49 years       6       5       1         50-51 years       9       3       6         60-31 years       9       3       6         60-31 years       10       6       4         65-69 years       11       3       8         70-74 years       8       3       5         75-79 years       7       3       4         80-84 years       8       2       6         85-89 years       5       2       3         90-94 years       0       0       0         95-99 years       0       0       0         100+       0       0       0	*	0	0
35-39 years 6 3 3 40-44 years 5 2 3 45-49 years 6 5 1 50-51 years 9 3 6 60-51 years 9 3 6 60-51 years 10 6 4 65-69 years 11 3 8 70-74 years 8 3 5 75-79 years 7 3 4 80-51 years 8 2 6 85-89 years 5 2 3 90-54 years 0 0 0 95-99 years 0 0 0 Unlanown 0 0 0		1	2
40-44 years       5       2       3         45-49 years       6       5       1         50-51 years       3       4       4         55-59 years       9       3       6         60-51 years       10       6       4         65-69 years       11       3       8         70-74 years       8       3       5         75-79 years       7       3       4         80-84 years       8       2       6         85-89 years       5       2       3         90-94 years       0       0       0         95-99 years       0       0       0         100+       0       0       0         Unknown       0       0       0	_	3	3
45-49 years       6       5       1         50-51 years       3       4       4         55-59 years       9       3       6         60-51 years       10       6       4         65-69 years       11       3       8         70-74 years       8       3       5         75-79 years       7       3       4         80-54 years       8       2       6         85-89 years       5       2       3         90-94 years       0       0       0         95-99 years       0       0       0         100 +       0       0       0         Unknown       0       0       0			3
50-54 years       3       4       4         55-59 years       9       3       6         60-61 years       10       6       4         65-69 years       11       3       8         70-74 years       8       3       5         75-79 years       7       3       4         80-84 years       8       2       6         85-89 years       5       2       3         90-94 years       0       0       0         95-99 years       0       0       0         100 +       0       0       0         Unknown       0       0       0	10 II Jears	_	
55-59 years       9       3       6         60-31 years       10       6       4         65-69 years       11       3       8         70-74 years       8       3       5         75-79 years       7       3       4         80-54 years       8       2       6         85-89 years       5       2       3         90-94 years       0       0       0         95-99 years       0       0       0         100 +       0       0       0         Unknown       0       0       0	10 10 9 0010 11111111111111111111111111	_	_
60-51 years       10       6       4         65-69 years       11       3       8         70-74 years       8       3       5         75-79 years       7       3       4         80-54 years       8       2       6         85-89 years       5       2       3         90-94 years       0       0       0         95-99 years       0       0       0         100 +       0       0       0         Unknown       0       0       0	DO OT JUILE III		6
65-69 years       11       3       8         70-74 years       8       3       5         75-79 ears       7       3       4         80-84 years       8       2       6         85-89 years       5       2       3         90-94 years       0       0       0         95-99 years       0       0       0         100 +       0       0       0         Unknown       0       0       0			
70-74 years       8       3       5         75-79 years       7       3       4         80-54 years       8       2       6         85-89 years       5       2       3         90-94 years       0       0       0         95-99 years       0       0       0         100 +       0       0       0         Unknown       0       0       0	*	_	_
75.79 years       7       3       4         80-54 years       8       2       6         85-89 years       5       2       3         90-94 years       0       0       0         95-99 years       0       0       0         100 +       0       0       0         Unknown       0       0       0	•		_
80-51 years       8       2       6         85-89 years       5       2       3         90-94 years       0       0       0         95-99 years       0       0       0         100 +       0       0       0         Unknown       0       0       0			-
85-89 years       5       2       3         90-94 years       0       0       0         95-99 years       0       0       0         100 +       0       0       0         Unknown       0       0       0	1010:0010		
90.94 years       0       0       0         95-99 years       0       0       0         100 +       0       0       0         Unknown       0       0       0		_	-
95-99 years       0       0       0         100 +       0       0       0         Unknown       0       0       0		-	_
100 +			
Unknown 0 0 0			_
Total	Total	59	71

#### DEATHS BY WARDS

1	17
2	10
3	12
4	7
5	5
6	
7	5
ß	37
9	20

#### HOSPITALS

11001111110	
Fall River General Hospital	5
Union Hospital	
St. Anne's Hospital	4
Bay View Hospital	2
Truesdale Hospital	7
Contagious Hospital	2
City Home	1
Home for Aged	2
STILL BIRTHS	
Males	5
Females	4
Unknown	
Total	9

#### NATIVITY

NATIVITY	
Fall River	55
Massachusetts	9
Other States	.12
Ireland	
Canada	.14
England	.16
Scotland	
Germany	
Azores	. 6
Austria	
France	. 1
Belgium	
Russia	. 1
Portugal	. 1
Italy	
Poland	2
Denmark	
Australia	
Sweden	. 1
Spain	
Madeira	. 1
Finland	
Cape Verde Islands	
Syria	
Unknown	. 1

#### CEMETERIES

Oak Grove..... North Burial Ground

St. John's 2
St. Mary's
St. Patrick's33
Notre Dame 48
Nwoo Hill 1
Agedas Aham
Our Lady of Light
St. Mary's Polish
Sent away for interment14
Brought here for interment23
Brought here for interment
CEV
SEX
Male 59
Female 71
COLOR
White129
Colored 1
CONDITION
CONDITION
Married46
Single 54
Widowed29
Divorced 1
Unknown
There were 144 cases of contagious
diseases reported for June, viz:
Diphtheria20
Scarlet Fever14
Typhoid Fever

Tuberculosis of Lungs ......
Tuberculosis, other forms...
Whooping Cough.....

Ophthalmia Neonatorum ..... Suppurative Conjunctivitis...

Anterior Poliomyelitis
Cerebro-Spinal Meningitis
Pneumonia, Lobar

German Measles ..... Lethargica Encephalitiis

Dog Bite requiring anti-rabic treatment

Measles

Chicken Pox

Gonnorrhea.... Syphilis

The following is the number of contagious diseases reported in each ward: 1-15 2-14 3-19 4-17 5-13 6-32 7-4 8-13 9-17

Estimating the population at 130,043, 130 deaths would give an annual death rate of 11.23 in 1,000

This is 24 less than last month and 22 more than the same month in 1923.

Deaths of non-residents.....6.

FRANK L. LARKIN, Secretary.



-OF THE-

### BOARD OF HEALTH

CITY OF FALL RIVER

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AUGUST 1924

NUMBER 8

### Physicians and Educators Take Stand on School Hygiene

PASS RESOLUTIONS AT CAMBRIDGE MEETING

Physicians, educators and nurses attending the Health Education Conference of the American CHILD HEALTH Association called at the invitation of the Department of Biology and Public Health of Massachusetts Institute of Technology in Cambridge, Massachusetts, June 23rd to 28th, 1924, interpreted the duties of these professional groups and parents in a school health service. The following report of a special committee appointed to consider this subject was discussed and accepted by the entire conference:

#### HEALTH EXAMINATION OF THE CHILD

- I. The aim of such an examination is to provide for every child a chance to achieve the limit of his endowed capacity for well-being.
  - II. The functions of the participants should be as follows:
    - A. PHYSICIAN.
      - 1. To provide guidance toward better health through education of the children.
      - 2. To provide an examination service which (1) discovers all physical defects, diseases, incipient conditions and tendencies toward ill-health amount school children, (2) finds sources for remedy.

- 1. To assist the physician at the examination.
- 2. To assist in interpreting results of the examination to child, teacher and parents in school and home through instructional conferences.
- 8. To stimulate and secure correction of physical handicaps.
- C. TEACHER AND PARENTS.
  - 1. To be present at the examination and to supply information relative to history and habits of the
  - 2. To secure the cooperation of the children through class and individual instruction.
  - To gain knowledge from the examination that shall function as a basis for further health teaching.

III. In conclusion, the superintendent or principal may expect through the coordination of the work of physician, nurse, teacher and parent:

A. Better attendance.

THE LIBRARY BOF A reduction in undernourishment.
disC. A gradual decrease in preventable retardation.

D. A safe system of education from the standpoint of health, a larger appreciation of health ideals and a greater practice of healthy living throughout the community. 1924

#### Comments by Dr. H. H. Mitchellyrecently appointed Director of School Hygiene.

This statement of the aims of a school health examination points the way to a more thorough-going form of health service than any hitherto organized by health or public school departments. The large numbers of children to be examined, the numbers of defects to be remedied and the demand for economy in conducting the work has very properly led to placing the emphasis upon the more outstanding physical defects, and therefore the less defective children have received relatively little attention from the health officials. An examination with "the aim of providing for every child a chance to achieve the limit of his endowed capacity for well being" will demand a more thorough consideration of the many factors influencing the health of the child as well as a more thorough physical examination. In the last analysis such a service could best be rendered by the family physician as a paid private service and it should be noted that the report of this committee did not specify the examination to be made by a physician who is a public official. Our present program should educate parents toward that end and be considered a part of the program of the American Medical Association to promote periodic health examina-

Public Health activities as they have advanced beyond the sanitation, environmental control stage have more and more taken on an educational aspect and the public official duties must therefore be directed toward demonstration and education for the public to promote the larger use of medical science in its preventive aspects. So school health examinations must point out to parents what may be accomplished by the physician in correcting the

handicaps to the child's physical well being, how diseases should be given attention in their early stages and how incipient conditions and tendencies toward ill health m'ay be prevented under the guidance of a physician. In fact the educational approach to the health of the school child demands the closest cooperation of parent, teacher, nurse and physician in order to bring about in the community that understanding and appreciation of science that is necessary to a larger promotion of the health of the child.

Such a cooperative effort on the part of physician, nurse, teacher and parent represents no doubt the ideal arrangement to provide for the child a "chance to achieve the limit of his endowed capacity for well being." This service for Fall River children, we believe, is the job of the private physician. But we all recognize that a thorough-going use of expert service by individuals for prevention of disease or promotion of health is rare. Most people have not learned the importance of a periodic overhauling of the human machine nor an appreciation of what such a service can accomplish for their health and general vigor. We have, therefore, set up a staff of physicians and nurses to call the attention of parents to the need for correction of physical defects and to show how the early recognition of conditions and tendencies toward ill health may be used to promote health. This educational service and demonstration should result in a greater appreciation of what may be accomplished by the expert. Indeed, it should lead to a larger use of the facilities available in the community and the school health activities should be considered an educational program toward that end.

# MORTALITY FOR THE MONTH OF JULY, 1924

	of the Classific	CA
I.	-Endemic or Infectious Diseases.	
1	Typhoid fever (abdominal typhoid	
	Typhoid fever (abdominal typhoid and para-typhoid)	
	1. Paratyphoid fevers	
2	Typhus fever (exanthematous) Relapsing fever (spirillum obermei-	
5	Melito—coccosis, (Malta fever)	
	0. Malarial fever	
6	Malarial fever or cachexia  0. Malarial fever	
7	Wieasies	
8	Scarlet fever	1
10	Whooping cough Diphtheria Influenza	
11	Complications:	
	0. Pneumonia	
	2. Heart diseases	1
	2. Heart diseases	
	5 Gastro intestinal	
	6. Puerperal	
12	Miliary fever	
13	Mumps Asiatic eholera	
15	Cholera nostras (choleriform en-	
16	Asiatic general Cholera nostras (choleriform eneritis)  Dysentery	
	J. Decillers	
	2. Unspecified or due to other causes	
17	Plague	
	0 Puhania	
	1. Pneumonic	
BCW	3. Unspecified	
18	Yellow fever	
20	Leprosy	
21	Erysipelas	
23	Encephalitis lethargica	
24	Epidemic cerebro-spinal meningitis Other epidemic diseases	
	0. Varicella	
	1. Rubella	
26	Purulent or septicemic infection	
28	Glanders and farcy	
30	Rabies	
31	Mycoses Tuberculosis of the respiratory sys-	
32	Tuberculosis of the respiratory sys-	10
33	tem	
34	Tuberculosis of the intestines or	
35	peritoneum	
36	Tuberculosis of the vertebral column Tuberculosis of the joints	
37	Tubercu osis of other organs and	
	0. Tuberculosis of the skin or	
	1. Tuberculosis of the bones	
	O. Tuberculosis of the skin or subcutaneous cellular tissue  Tuberculosis of the bones (except vertebral column).  Tuberculosis of the lymphatic system (except the	
	phatic system (except the	
	itoneal glands)	
	A Tuboroulogic of other organs	
38	Disseminated tuberculosis	
	berculosis of the lungs, ex-	
	Disseminated tuberculosis  0. Acute (including miliary tuberculosis of the lungs, except that specified as chronic or pulmonary)  1. Chronic	
	1. Chronic	
MH .	Syphilis (includes syphilic infection of any organ, tissue or structure of the body)	
	of the body)	
	0. Primary	
	9 Tortiony	
	3. Hereditary 4. Period not specified	
40	Soft chancre (used for morbidity statistics only)	
41	Gonococcal infection except that of	
42	the eye or adnexa	

АТН,	, AS ADOPTED AT THE THIRD INT
ÒN (	of Causes of Death, Held at I
I	I.—General Diseases Not Included
40	Above.
43	Cancer or other malignant tumors
	of the buccal cavity
	1. Cancer of the tongue
	3. Cancer of the jaw
	4 Others
44	Cancer or other malignant tumors of the stomach and liver
	0. Cancer of the pharynx
	1. Cancer of the esophagus 2. Cancer of the stomach
	2. Cancer of the stomach 3. Cancer of the liver and gall
	bladder
45	Cancer or other malignant tumors of the peritoneum, intestines and
	rectum
	0. Cancer of the mesentery and
	peritoneum
	cept rectum)
	2. Cancer of the rectum and annus
	3. Others
46	Conson on other malement tumore
	of the female genital organs  0. Cancer of the ovary and fallopian tubes
	fallopian tubes
.,	1. Cancer of the uterus
	vulva
	vulva
47	Cancer or other malignent tumors of the breast
48	Cancer or other mangiant tumors
40	of the skin
49	of other or unspecified organs
	0. Cancer of the larynx
	1. Cancer of the lung and
	pleura 2. Cancer of the pancreas 3. Cancer of the kidneys and suprarenals
	3. Cancer of the kidneys and
	suprarenals4. Cancer of the prostate
	4. Cancer of the prostate 5. Cancer of the bladder 6. Cancer of the brain
	6. Cancer of the brain
	7. Cancer of the bones (except jaw)
	8. Cancer of the testes
50	9. Others
50	turned as malignant (except be-
	nign or non-specified tumors of
	0. Tumor of the brain
	1. Tumor of thorax
	the ovary and uterus—136, 138)  0. Tumor of the brain  1. Tumor of thorax  2.' Tumor of abdomen  3. Tumor of bladder  4. Tumor of prostate  5. Tumor of other location  Acute febrile articular rheumatism.  Chronic rheumatism or gout  Chronic rheumatism or Gout
	4. Tumor of prostate
	5. Tumor of other location
51 52	Chronic rheumatism or gout
0	v. Ontonic incumation
53	1. Chronic gout
54	Pellagra
55	Beri-beri
56 57	Rickets Diabetes
58	Anemia, Chlorosis
	Anemia, Chlorosis  0. Pernicious anemia
59	Diseases of the pituitary gland  Diseases of the thyroid gland
60	
	1. Other diseases of the thy-
	roid gland  Diseases of the parathyroid gland  Diseases of the thymus
61 62	Diseases of the parathyroid gland
63	Addison's' disease (disease of the adrenals)
0.4	adrenals)
64 65	Diseases of the spleen Leukemia and Hodgkin's disease
	0. Leukemia
66	0. Leukemia
67	Chronic poisoning by mineral sub-
	stances
	0. Chronic lead poisoning 1. Others
68	Chronic poisoning by organic sub-
00	stances
69	Other general diseases
	1. Amyloid degenerations
	2. Autointoxications
	3. Hemophilia
	5. Others

III-	Diseases of the Nervous Syste	m
70	and Organs of Special Sense.	
71	Meningitis	1
	1. Non-epidemic cerebro-spin- al meningitis	•
72	Progressive locomotor ataxia (tabes dorsalis)	
73	Other diseases of the spinal cord  O. Bulbar paralysis (Duchen-	
	0. Bulbar paralysis (Duchenne's disease)	
	1. Paralysis agitans (Parkin- son's disease)	
	2. Acute ascending spinal paralysis (Landry's disease)	
	3. Myelitis	
74	4. Others	
	Cerebral hemorrhage     Cerebral thrombosis and em-	10
75		1
••	Paralysis (without specified cause) 0. Hemiplegia 1. Other forms of paralysis General paralysis (of the insane)	
76	General paralysis (of the insane)	
77 78	Other forms of mental alienation  Epilepsy Convulsions (non-puerperal) (5	
79		
80	Infantile convulsions (under five	
81	Infantile convulsions (under five years of age)	
	1. Hysteria and neuralgia	
82	2. Neuritis	
83	1. Hysteria and neuralgia	1
84	Diseases of the organs of vision and adnexa except gonococcal infection, No. 42  0. Diseases of the eye (except tumor)	
	tion, No. 42	
	tumor)	
	2. Trachoma	
	Tumors of the eye      Other diseases of the eye or	
85	its adnexa	
00	and the mastoid process	
	and the mastoid process	1
137	process	
88	—Diseases of the Circulatory Syste Pericarditis ———————————————————————————————————	m
87	Acute endocarditis and myocarditis  0. Acute endocarditis	
88	O. Acute endocarditis and myocarditis  1. Acute myocarditis  Angina pectoris  Other diseases of the heart  1. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of	3
89	Other diseases of the heart	1
	1. Chronic myocarditis	6
90	the heart	2
91	Aneurism  Atheroma and other diseases of the arteries  Embolism and thrombosis (except cerbral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system (lymphangitis, etc.)	-
92	Embolism and thrombosis (except	5
93	Diseases of the veins (varices,	
94	hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system	
95	(lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the cir-	
20	cause; other diseases of the cir- culatory system.	
V	Diseases of the Respiratory System	m
96	Disease of the nasal focuse and	
	their adnexa  0. Diseases of the nasal fossae 1. Others  Diseases of the larynx (except	
97	Diseases of the larynx (except	1
98	tuberculosis and cancer)	
	1. Chronic	
	2. Not otherwise defined under	
	3. Not otherwise defined, 5	
99	Broncho pneumonia (incuding cap- illary bronchitis)	
	u. Broncho Dileumon's	
100	1. Capillary bronchitis	
	1. Not otherwise specified	1
101	Pleurisy  O. Pleurisy  1. Empyema of thoracic cavity	
	1. Empyema of thoracic cavity	

102	Congestion or parenchymatous hem-	VII.—The Puerperal State.		8. Cocaine
103	orrhage of the lung	0. Abortion		4. Lysol
104	Asthma 1	1. Ectopic gestation		6. Wood alcohol
105 106	Emphysema of the lung	nancy		7. Others 8. Not specified or unknown
	system (tuberculosis excepted)	144 Puerperal hemorrhage	13	78 Conflagration
	0. Chronic interstitial pneumo- nia (including occupational	Cosarian section      Other surgical operations	17	'9 Accidental burns and scalds (con- flagration excepted)
	diseases of the lung)	and instrumental delivery		0. Stoves
	1. Diseases of the mediasti-	2. Others		1. Lamps
	2. Others	146 Puerperal septicemia		3. Hot fluids
VI-	-Diseases of the Digestive System	embolism or sudden puerperal death		4. Matches
	Diseases of the mouth and adnexa	148 Puerperal albuminuria or convul-		6. Others
	0. Diseases of the teeth and	sions 2  149 Childbirth (without other explana-	1	7. Unknown
	1. Other diseases of the buccal	tion)		0. Foreign body in laryax
100	cavity and adnexa	150 Puerpera: diseases of the breast		1. Overlying
100	Diseases of the pharynx and tonsils (includes adenoids)	IX.—Diseases of the Skin or Cellular Tissue.	10	31 Accidental absorption of irrespir-
	Streptoccic sore throat     Ludwig's angina	151 Gangrene		able or poisonous gas 0. Illuminating gas
	2. Tonsilitis	152 Boil, carbuncle, furuncle		1. Chloroform or ether
	3. Adenoids	154a Tinea and alopecia (morbidity		2. Coal gas
	Diseases of the esophagus	only)		4. Sewer gas
110	Ulcer of the stomach and duode- num	155 Other diseases of the skin and its adnexa		6. Unknown
	0. Ulcer of the stomach	X.—Diseases of the Bones and Organs	13	32 Accidental drowning
111	1. Ulcer of the duodenum Other diseases of the stomach (can-	of Locomotion.		0. Rivers, ponds, etc
	cer excepted	156 Diseases of the bones (tubercu- losis excepted)	14	33 Accidental injury by firearms (wounds of war excepted)
	0. Indigestion	157 Diseases of the joints (tubercu-	18	34 Accidental injury by cutting or
	2. Stricture or stenosis of py- lorus	losis and rheumatism excepted) 158 Other diseases of the bones or or-	11	piercing instruments
	3. Others	gans of locomotion		0. Down shafts, hatchways,
112	Diarrhea and enteritis (under 2 years of age) 3	XI.—Malformations. 159 Congenital malformations (still-		holds of vessels
113	Diarrhea and enteritis (2 years and	births excepted)		2. From buildings
114	over)	0. Hydrocephalus		8. From fire-escapes
115	Diseases due to other intestinal	2. Others 1		5. From windows
	parasites	XII.—Diseases of Early Infancy. 160 Congenital debility, icterus and		7. On streets, sidewalks, etc
	liver excepted)	sclerema	1	8. Other falls
	1. Trematodes	0. Marasmus 1. Inanition		quarries
	kylostoma)	2. Icterus	Si Ann	0. In mines
	4. Other parasites	3. Sclerema	1.	37 Accidental traumatism by machine
116	5. Parasites not specified Appendicitis and typhlitis	161 Premature birth, or consequence of		o. Deaths by machinery
117	Hernia, intestinal obstruction	labor	1:	88 Accidental traumatism by other crushing (vehicles, railways,
	1. Intenstinal obstruction	1. Injury at birth		lands ides, etc.)
118	Other diseases of the intestines  O. Diseases of the anus and	162 Other diseases peculiar to early infancy		0. Run over by wagons, trucks, etc.
	stercoral fistulae	0. Asphyxia neonatorum	1	1. Run over by automobiles
	1. Other diseases of the intes-	2. Umbilical infection		2. Run over by other vehicles 3. Run over by electric surface
119	Acute yellow atrophy of the liver	3. Umbilical hemorrhage		cars
120	Hydatid tumor of the liver	163 Lack of care		4. Run over by steam railroad
	0. Returned as alcoholic 1. Not returned as alcoholic	XIII.—Old Age.	e.	5. Fun over by elevated rate-
122	Biliary calculi	XIV External Causes.		6. Run over by subway cars
123	Other diseases of the liver 2 Diseases of the pancreas except	163 Lack of cave (corrosive substances excepted)	No.	7. Crushed by falling bodies 8. Crushed by derricks, stones,
	cancer	0. Opium, morphine	1	etc
125	Peritonitis of unstated cause  Other diseases of the digestive	1. Strychnine	1	9. Other causes
	system (cancer and tuberculosis excepted)	3. Others		90 Wounds received in war
3777		166 Suicide by corrosive substances 0. Arsenic (paris green)	\$	erent armies
A 11	.—Non-Venereal Diseases of the Genito-Urinary System and	1. Bichloride of mercury	1	92a Excessive labor
	its Adnexa.	3. Cyanides (prussic acid)	i	water)  S3 Excessive cold
127	Acute nephritis (including unspeci-	4. Oxalic acid	1 1:	34 Excessive heat
	fied under 10 years of age) 1	acid)		95 Lightning
128	Chronic nephritis (including unspecified over 10 years of age 5	167 Suicide by poisonous gas	1 1:	Homicide by firearms
129	Chyluria	0. Illuminating gas		struments
130	Other diseases of the kidneys and their adnexa (diseases of the	2. Coal gas		99 Homicide by other means
	kidney in pregnancy excluded)	3. Others		than 1 year of age)
131 132	Calculi of the urinary passages  Diseases of the bladder (except	169 Suicide by drowning	2	01 Fracture (cause not specified)
	tumors)	1. Cthers		1. Sprains
133	Diseases of the urethra, urinary	170 Suicide by firearms instruments	2	2. Fractures (cause unspecified) Of Other external violence
	Others	171 Suicide by cutting or percing in-		0. Criminal abortion
134	Disease of the prostate (except)	struments	1	2. Salvarsan injection
135	Non-veneral diseases of the male	places	1	3. Other medicaments (injection)
	genital organs	174 Other surcides		4. Other external violence
136	Cysts and other benign tumors of the ovary	0. Mushrooms	1 2	23 Violent deaths of which the cause is unknown
137 138	Salpingitis or pelvic abscess	1. Shell fish		XV.—Ill-Defined Diseases.
139	Non-puerperal uterine hemorrhage	2. Pork sausages		04 Sudden death
140	Metrit's Other diseases of the female genital	176 Poisoning by venomous animals		defined
	organs	(gases excepted)	1	1. No disease; malingering
142	Non-puerperal diseases of the breast (cancer excepted)	0. Ethyl alcohol	1	2. Surgical operation
143	Accidents of pregnancy	2. Carbolic acid	-	TOTAL 9

#### CONTAGIOUS HOSPITAL REPORT FOR JULY, 1924

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	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat Diphtheria	Measles and Chicken Pox	Scarlet Fever	and Diphtheria Tonsilitis	Diphtheria and Ophthalmia Neonatorum	Pneumonia (Lobar)	Acute Meningitis	Mumps	Typhoid Fever	Whooping Cough	Influenza Pneumonia	Scarlet Fever with Chiken Pox	German Measles	Scabies	Total
Patients admitted			1	4		2												7
Termination { Recovery Death				4		7				****			2					13
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DEATHS BY AGE	S			F-11	D:			ALS					-		METE			
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2-3 weeks	. 0 0	0			5	STIL	L BI	RTH	S			Bro	ught h	ere for	r inter	ment		26
3 weeks-1 month	. 2 1	. 1	- 1	Male						4								
1-2 months	. 1 1	. 0						***********							SEX	ζ		
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3-6 months	. 1 1	. 0	- 1		Total			*******	***********	9		Fen	naie					54
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2 years		0												CO	NDI	CION		
3 years		1										Mai	rried		INDI:			33
4 years		1		Irela	nd					5								
5-9 years				Cana	ada					11								
10-14 years				Engl	and			4444		15								
15-19 years		) 2		Scot	land							One	MONI	**********			**********	******
20-24 years				Gerr	nany								The	re wer	re 96 c	ases o	f cont	agious
25-29 years				Azor	es			***********	• • • • • • • • • • • • •	11		dise	eases re	eporte	d for Ju	ıly, viz	::	
30-34 years		) 1		Aust	ria	• • • • • • • • • • • • • • • • • • • •												
35-39 years		-		Fran	ce			*********		1					*******			
40-44 years		2 3		Belg	ium										Lungs			
45-49 years		2 1													her for			
50-54 years		3						**********				Wh	ooping	g Coug	h			28
55-59 years		3 2 4													natoru			
60-64 years		7						**********							onatoru njuncti			
65-69 years												Chì	cken F	ox				4
75-79 years															yelitis			
80-84 years								•••••							Mening oar			
85-89 years		0						• • • • • • • • • • • • • • • • • • • •		_								
90-94 years		0										Sep	tic Sor	e Thr	oat			
95-99 years		) 1						•••••										
100 +		0						**********							sephaliti			
Unknown								**********							ing anti			
				Unk	nown					••••		Gor	norrh	ea				
Total	90 44	54										Syp	hilis	•••••				1
DEATHS BY WA	RDS				Т	he foll	lowing	g is the	numbe	r of co	ntagi	ious di	seases	repor	ted in	each w	ard:	
1		13		11		210		3—12	4—1		5—10		6—14		—2	8-13		-10
2					•		'		- I	•	01		_ 14	-		0-10	3	10
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SAMUEL B. MORRISS, Agent.

FRANK L. LARKIN, Secretary.



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### BOARD OF HEALTH

CITY OF FALL RIVER

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### SMALLPOX AND VACCINATION

According to some newspaper reports the authorities in charge of the recent observance of Defense Day were disappointed because so many people failed to participate. The lack of interest, however, is not surprising, as war seems so remote to the average person that he sees no necessity for making a test to see how well prepared the country is to defend itself. This false sense of security is also in evidence in connection with health matters. We have had no smallpox in the city since 1919, when two cases which ended fatally were reported, and therefore our people generally seem to be of the opinion that there is no danger from this disease.

However, recent outbreaks of Smallpox of a malignant type in Minnesota and Detroit, Michigan, show that unless vaccination is resorted to as the first line of defense that the disease is still a serious menace.

Where vaccination is the rule rather than the exception, smallpox is held in check as the following table will show:

#### Smallpox Cases Reported by Massachusetts, Michigan and California, During a Five-Year Period

Year									I	Æ	as	ssachuset	ts	Michigan		California
1919												40		2,460		2,002
1920		ì										29		4,845		4,486
1921												37		4,537		5,581
1922												2		1,231		2,129
1923	,				٠		٠	٠				6		2,311		2,025
	T.	ai	l e	7								114		15 384		16.223

In a recent letter to State and City Health Officers, Surgeon General H S. Cumming of the United States Public Health said:

General H S. Cumming of the United States Public Health said:

"Vaccination and re-vaccination being a perfect protection against smallpox, it might be argued that protection against the disease is a matter which should be left to the discretion of the individual, but there is no more reason for leaving the defense against an enemy of the State, such as smallpox is, to the discretion of the individual, than there would be in leaving the defense of the State against an aremed invading force, to the individual. These enemies are equally dangerous. Furthermore, there are a large number of persons who are otherwise good citizens, who, because of indifference, carelessness, and lack of information, and oftentimes because of having been deceived by false propaganda and deliberate misinformation, either fail or refuse to protect themselves and their trusting but helpless children until it is too late. These same children of misinformed or irresponsible parents, being too young to judge for themselves, are entitled to the protection of the State, and certainly the State is derelict in its duties if it allows such unprotected children to be exposed to smallpox."

In commenting on the efforts of anti-vaccinationists in Chica-

In commenting on the efforts of anti-vaccinationists in Chicago, the Chicago Tribune says:

go, the Chicago Tribune says:

"Some well meaning but misdirected persons are joining forces with the quack and the ignoramus to set aside compulsory vaccination in Chicago. And because they are well meaning and respectable, albeit uninformed in modern medicine, they may accomplish what cranks and crooked doctors could not. The health committee will recommend ordinances preventing general enforcement of even the most elementary measures against disease and contagion. If that passes the council, Chicago in five years will be a house of pestilence and death."

In our own community attempts have been made to nullify the law requiring the vaccination of children before admission to school. Parents have claimed that because they do not believe in vaccination their children should be admitted to school without the necessity of being vaccinated. To such we would recommend the following:

"Corah Adama Myll was a smallpox patient and she returned from Herman Kiefer [Detroit, Michigan] hospital to write in "The

Club Woman" some of her experiences—for she was a courageous patient who spent her convalescent days ministering to those who were more ill than she had been. She wrote in part:

"Did I ever scoff at vaccination? If so, I am on my knees, contrite. The boon and savior in this particular form of scourge, is vaccination, for though, if not repeated within five years, one still may be infected, it acts like a fire ring, and prevents the terrible devastation that ensues if unrestrained, when it sweeps without resistance—consuming, polluting, destroying all semblance to human appeal.

"Masks of corruption encase what once has been the human form divine, eyes are closed and features become but bulbous, festering abnormalities. In the corner is a room that is darkened; the patient is a young woman about twenty-five; a little baby, two years old, waits home for her with a husband who is feverishly sending messages and flowers till from that room (silent but for a name that is called over and over again in delirium) a floral sweetness is wafted that in its insistence conjures visions of a chancel, the flickering light of candles, with the vibrant tones of the organ sobbing out its last appeal, "Abide with me, fast falls the fading light, O Lord, abide with me."

"The doctor asks me if I would be interested in seeing a case of hemorragic smallpox, commonly called 'black smallpox.' Silently we step into this darkened room and where this young woman, wife, mother that yesterday looked like my Katie, lies with blackened lips, while the blood is slowly winding in a lurid thread from the mouth which, moaning now, will soon be silenced forever, and the pity of it all is, nothing can save, nothing can be done. Vaccination would have prevented, but it is too late now and how lightly we speak of vaccination, but how much it means.

we speak of vaccination, but how much it means.

"A little Syrian girl with her satin hair and skin of ripe olives, and mouth like the wine of her own luscious grapes, dancing, laughing, playing but with steps that begin to lag. The little head aches and mother rocks her to sleep while the fever rages higher and higher. The home remedies are used and finally the baby's agony is so great that a constant wail is on her lips. The doctor comes and them—The Board of Health. Now that laughing, warm-hued baby of sunny climes is a blackened creature with purple mouth and fetid sores. Where once the beautiful eyes had danced, two bloody slits remain. Another hemorragic case but in this instance the benign Christ reaches forth and guides the little one through the Valley of Death. A miracle is wrought, and she lives. It will be many days before the pathetic little eyes are able to look at you again with all their velvet witchery, or the little feet dance and run. But some day the good doctor says the miracle will be complete and little but a fading memory will be left to Jennie. Jennie.

"In one of the rooms is a young woman and her nursing baby. A face that could have posed for the Madonna and child, or the 'Mona Lisa.' A week before her husband had passed away with the dread plaque, and now the mother. Since they took the husband away that inscrutable smile, that has won her the sobriquet of 'Mona Lisa' has never left, and with her baby, with its rose petal skin resting against a breast that seems more a menace than a haven, is but one more mystery, nay a miracle being enacted in

"A mother had twins yesterday, today they are motherless; a baby is born with the marks developed, and so it goes. The dread messenger chooses his victims one by one. Fortunately I have been able to help as I had a light case, sometimes the service so repelling I shrank. Then before me comes, 'Even as ye do it unto the least of these, ye do it unto Me,' and I hesitate no longer. "You who have loved ones, or for the sake of those that have loved ones, don't wait; do the only thing that may save them, and save yourself from a horror that no man can realize till he has seen. To-morrow it may be your sweetheart, your wife, your baby, that is pitifully pleading for the touch of a hand, the sound of a voice that is gone forever. Vaccination is the only thing in the world that can save them."

### MORTALITY FOR THE MONTH OF AUGUST, 1924

	OF THE CLASSIFICAT	ION C	of Causes of Death, Held at F	ARI	s, C	OCTOBER, 1920.
I.	-Endemic or Infectious Diseases.	I	General Diseases Not Included		III-	Diseases of the Nervous System
1	Typhoid fever (abdominal typhoid	13	Above. Cancer or other malignant tumors	- 1	70	and Organs of Special Sense.
	and para-typhoid)	43	of the buccal cavity			Encephalitis
	0. Typhoid fever		0. Cancer of the lip			0. Simple
2	Typhus fever (exanthematous)		1. Cancer of the tongue			1. Non-epidemic cerebro-spin- al meningitis
3	Relapsing fever (spirillum obermei-		3. Cancer of the jaw	1	72	Progressive locomotor ataxia (tabes
4	Melito-coccosis, (Malta fever)	44	4. Others		73	Other diseases of the spinal cord
5	Malarial fever or cachexia  0. Malarial fever		of the stomach and liver			0. Bulbar paralysis (Duchen-
	1. Malarial cachexia		0. Cancer of the pharynx			ne's disease) (Parking
6	Smallpox Measles			5		1. Paralysis agitans (Parkin-son's disease)
8	Scarlet fever		3. Cancer of the liver and gall			2. Acute ascending spinal par-
9	Whooping cough 4	45	Cancer or other malignant tumors			alysis (Landry's disease)  3. Myelitis
10 11	Diphtheria		of the peritoneum, intestines and			4. Others
11	Complications:		o. Cancer of the mesentery and		74	Cerebral hemorrhage, apoplexy
	0. Pneumonia 1. Bronchitis		peritoneum			1. Cerebral thrombosis and em-
	2. Heart diseases		1. Cancer of the intestines (ex-	1	75	bolism
	3. Nephritis		cept rectum)	1	13	Paralysis (without specified cause)  0. Hemiplegia
	4. Meningitis 5. Gastro intestinal		annus		70	1. Other forms of paralysis
	6. Puerperal	46	3. Others  Cancer or other malignant tumors		76 77	General paralysis (of the insane) Other forms of mental alienation
12	7. Others		of the female genital organs		78	Epilepsy
13	Mumps		0. Cancer of the ovary and fallopian tubes	1	79	Convulsions (non-puerperal) (5 years and over)
14	Asiatic cholera		1. Cancer of the uterus		80	Infantile convulsions (under five
15	eritis)	ļ	2. Cancer of the vagina and vulva		81	years of age)
16	Dysentery		3. Others			0. Chorea
	1. Bacillary	47	Cancer or other malignant tumors of the breast	1		1. Hysteria and neuralgia 2. Neuritis
	2. Unspecified or due to other	48	Cancer or other malignant tumors	1	82	Softening of the brain
17	Plague	49	of the skin		83	Other diseases of the nervous system
	0. Bubonic	1	of other or unspecified organs	1	84	Diseases of the organs of vision and
	1. Pneumonic		0. Cancer of the larynx			adnexa except gonococcal infec- tion, No. 42
	3. Unspecified		pleura			0. Diseases of the eye (except
18 19	Yellow fever		2. Cancer of the pancreas 3. Cancer of the kidneys and			tumor)  1. Follicular conjunctivitis
20	Leprosy		suprarenals			2. Trachoma
21	Erysipelas		4. Cancer of the prostate	,		3. Tumors of the eye
22	Acute poliomyelitis		5. Cancer of the bladder 6. Cancer of the brain	î		its adnexa
23 24	Encephalitis lethargica Epidemic cerebro-spinal meningitis		7. Cancer of the bones (except		85	Diseases of the organs of hearing
25	Other epidemic diseases		jaw)	- 1		and the mastoid process
	0. Varicella		9. Others	1		1. Diseases of the mastoid
	1. Rubella 1 2. Septic Sore Throat	50	Benign tumors and tumors not re- turned as malignant (except be-		***	process
26	Purulent or septicemic infection		nign or non-specified tumors of			-Diseases of the Circulatory System Pericarditis
27	Glanders and farcy		the ovary and uterus—136, 138) 0. Tumor of the brain			Acute endocarditis and myocarditis
28 29	Rabies		1. Tumor of thorax			0. Acute endocarditis
30	Tetanus		2. Tumor of abdomen		88	Angina pectoris
31 32	Mycoses		4. Tumor of prostate		89	Other diseases of the heart
	tem 7	51	5. Tumor of other location	1		1. Chronic myocarditis 4
33	Tuberculosis of the meninges or of the central nervous system 1		Chronic rheumatism or gout			2. Other chronic diseases of the heart
34	Tuberculosis of the intestines or		0. Chronic rheumatism			Aneurism
35	Tuberculosis of the vertebral column	53	Scurvy		91	Atheroma and other diseases of the arteries
36	Tuberculosis of the joints	54 55	Pellagra Beri-beri		92	Embolism and thrombosis (except
37	Tuberculosis of other organs and structures	56	Rickets	1	93	Diseases of the veins (varices,
	0. Tuberculosis of the skin or	57 58	Anemia, Chlorosis	3		hemorrhoids, phlebitis, etc.)
	subcutaneous cellular tissue 1. Tuberculosis of the bones		0. Pernicious anemia	1	94	Diseases of the lymphatic system (lymphangitis, etc.)
	(except vertebral column).	59	1. Other anemias and chlorosis Diseases of the pituitary gland		95	Hemorrhage without determined
	2. Tuberculosis of the lym- phatic system (except the	60	Diseases of the thyroid gland			cause; other diseases of the cir-
	mesenteric and retroper-		0. Exophthalmic goitre		V	-Diseases of the Respiratory System
	itoneal glands)		roid gland			Disease of the nasal fossae and
	urinary system	61 62	Diseases of the parathyroid gland  Diseases of the thymus			their adnexa
rear as	4. Tuberculosis of other organs Disseminated tuberculosis	63	Addison's' disease (disease of the			1. Others
38	0. Acute (including miliary tu-	64	adrenals)		97	Diseases of the larynx (except tuberculosis and cancer)
	berculosis of the lungs, ex-	65	Leukemia and Hodgkin's disease		98	Bronchitis
	cept that specified as chronic or pulmonary) 1		0. Leukemia 1. Hodgkin's disease			1. Chronic
	1. Chronic		Alcoholism (acute or chronic)	1		2. Not otherwise defined under
39	Syphilis (includes syphilic infection of any organ, tissue or structure	67	Chronic poisoning by mineral sub- stances			5 years of age
	of the body)		0. Chronic lead poisoning	1		years and over
	0. Primary	68	1. Others		99	Broncho pneumonia (incuding cap-
	1. Secondary 1 2. Tertiary 1	00	stances			illary bronchitis)
	8. Hereditary	69	Other general diseases			1. Capillary bronchitis
40	4. Period not specified Soft chancre (used for morbidity		0. Acidosis 1. Amyloid degenerations		100	Pneumonia
	statistics only)		2. Autointoxications		10-	1. Not otherwise specified
41	Gonococcal infection except that of the eye or adnexa		3. Hemophilia		101	Pleurisy
42	Gonococcal ophthalmia		5. Others			1. Empyema of thoracic cavity
		1				

102	Congestion or parenchymatous hem-		0. Abortion		8. Cocaine
103	Gangrene of the lung		1. Ectopic gestation		4. Lysol
104 105	Asthma Emphysema of the lung	144	Puerperal hemorrhage		6. Wood alcohol
106	Other diseases of the respiratory	145	Other accidents of childbirth		8. Not specified or unknown
	system (tuberculosis excepted)  0. Chronic interstitial pneumo-		0. Cesarian section	178	Conflagration
	nia (including occupational		and instrumental delivery	1	flagration excepted)
	diseases of the lung)	146	Puerperal septicemia 1		0. Stoves
	num	147	Phlegmasia alba dolens, puerperal embolism or sudden puerperal		2. Steam
VI-	-Diseases of the Digestive System		death		3. Hot fluids
	Diseases of the mouth and adnexa	148	Puerperal albuminuria or convul-		5. Bonfires
	0. Diseases of the teeth and gums	149	Childbirth (without other explana-		7. Unknown
	1. Other diseases of the bucca!	150	Puerpera: diseases of the breast	180	Accidental mechanical suffocation  0. Foreign body in larynx
108	Diseases of the pharynx and tonsils		-Diseases of the Skin or Cellular		1. Overlying
	(includes adenoids)		Tissue.	181	Accidental absorption of irrespir-
	Streptoccic sore throat     Ludwig's angina	151	Boil, carbuncle, furuncle		able or poisonous gas
	2. Tonsilitis	153	Phlegmon, acute abscess		1. Chloroform or ether
	3. Adenoids 1		only)	ĺ	2. Coal gas
109 110	Ulcer of the stomach and duode-	1541	Other diseases of the skin and its		4. Sewer gas
	num		adnexa		6. Unknown
	0. Ulcer of the stomach	X	-Diseases of the Bones and Organs	182	Accidental drowning
111	Other diseases of the stomach (can-	156	of Locomotion. Diseases of the bones (tubercu-		0. Rivers, ponds, etc
	cer excepted		losis excepted)	183	Accidental injury by firearms (wounds of war excepted)
	1. Gastritis		Diseases of the joints (tubercu- losis and rheumatism excepted) 1	184	Accidental injury by cutting or
	lorus	158	Other diseases of the bones or or-	185	Accidental injury by falls
112	3. Others		gans of locomotion		0. Down shafts, hatchways,
	years of age)	159	Congenital malformations (still-		holds of vessels
	over) 2		births excepted)		2. From buildings
114 115	Ankylostomiasis		1. Malformations of the heart		4. From scaffolds
	parasites		XII.—Diseases of Early Infancy.		5. From windows
	0. Cestodes (hydatids of the liver excepted)		Congenital debility, icterus and		7. On streets, sidewalks, etc
	1. Trematodes		sclerema 0. Marasmus	186	8. Other falls
	kylostoma)		1. Inanition		quarries 0. In mines
	3. Coccidia		Z. Icterus     Sclerema		1. In quarries
116	5. Parasites not specified	161	4. Others Premature birth, or consequence of	187	O. Deaths by machinery
117	Hernia, intestinal obstruction	101	labor	188	1. Deaths by elevators
	0. Hernia         1           1. Intestinal obstruction         1		0. Premature birth	1 200	crushing (vehicles, railways,
118	Other diseases of the intestines	162	Other diseases peculiar to early in-		landslide., etc.)
	0. Diseases of the anus and stercoral fistulae		fancy  0. Asphyxia neonatorum		etc
	1. Other diseases of the intes-		1. Atelectasis		1. Run over by automobiles 2. Run over by other vehicles
	Acute ye'low atrophy of the liver 1		3. Umbilical hemorrhage		3. Run over by electric surface
120 121	Hydatid tumor of the liver	163	4. Others		4. Run over by steam railroad
	0. Returned as alcoholic		XIII.—Old Age.		5. Run over by elevated rail-
122	Biliary calculi 1	164	Old age (senility)		road cars
123 124	Other diseases of the liver Diseases of the pancreas except	163	Lack of care		7. Crushed by falling bodies
125	Peritonitis of unstated cause		0. Opium, morphine		8. Crushed by derricks, stones, etc.
	Other diseases of the digestive		1. Strychnine	189	9. Other causes
	system (cancer and tuberculosis excepted)	100	8. Others	190	Injuries by animals (not poisoning) Wounds received in war
VII	Non-Venereal Diseases of the	188	O. Arsenic (paris green)	191	Executions of civilians by bellig-
	Genito-Urinary System and		1. Bichloride of mercury	192a	Excessive labor
	its Adnexa.		8. Cyanides (prussic acid)	1	water)
127	Acute nephritis (including unspeci- fied under 10 years of age) 2		4. Oxalic acid	193 194	Excessive cold
128	Chronic nephritis (including un-		acid)	195 196	Lightning Other accidental electric shocks
129	Chyluria	167	6. Other corrosive poisons Suicide by poisonous gas	197	Homicide by firearms
130	Other diseases of the kidneys and their adnexa (diseases of the		0. Illuminating gas	198	Homicide by cutting or pareing instruments
101	kidney in pregnancy excluded) 1		2. Coal gas	199	Homicide by other means
131 132	Calculi of the urinary passages Diseases of the bladder (except	168.	3. Others Suicide by hanging or strangulation	200	than 1 year of age)
133	tumors)	169	Suicide by drowning	201	Fracture (cause not specifical)
200	abscess, etc.	9.00	1. Others	3	1. Sprains
	0. Stricture of the urethra	170	Suicide by firearmsinstruments	202	2. Fractures (cause unspecified) Other external violence
134	Disease of the prostate (except)	171	Suicide by cutting or piercing in-		0. Criminal abortion
135	Non-veneral diseases of the male	172	struments		1. Explosions
136	genital organs	173	Suicide by crushing		3. Other medicaments (injection)
	the ovary	174 175	Other suicides	202	4. Other external violence
137 138	Salpingitis or pelvic abscess Benign tumors of the uterus	110	Poisoning by food	203	Violent deaths of which the cause is unknown
139	Non-puerperal uterine hemorrhage		1. Shell fish	204	XV.—III-Defined Diseases.
140 141	Metritis Other diseases of the female genital	170	3. 'Others	204 205	Sudden death
	organs	176 177	Other acute accidental poisonings		defined
- 44	breast (cancer excepted)		(gases excepted)		1. No disease; malingering
140	VII.—The Puerperal State.		1. Bichloride of mercury		2. Surgical operation
143	Accidents of pregnancy		2. Carbolic acid		TOTAL 110

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	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat	Diphtheria	Measles and Chicken Pox	Scarlet Fever	Scalet Fever and Diphtheria Tonsilitis	Diphtheria and Ophthalmia Neonatorum	Pneumonia (Lobar)	Acute Meningitis	Mumps	Typhoid Fever	Whooping Cough	Influenza Pneumonia	Scarlet Fever with Chiken Pox	German Measles	Scabies	Total
Patients admitted Termination { Recovery Death	3		1		5 5		2 4							1					11 10
Left without permission													****			••••		••••	
DEATHS BY AGE	s						НО	SPIT	ALS						CEN	TETE	RIES		
				ì			Genera	al Hosp	ital										
	ital	Males Female		1		_							St.	John's					1
		<b>E</b>					_												
Under 1 day		5 1																	
1-2 days		0 0			Conta	gious	Hosp	ital	• • • • • • • • • • • • • • • • • • • •								· · · · · · · · · · · · · · · · · · ·		
2-3 days		1 0		1													**********		
3 days-1 week		0 0			Home	for A	aged						St. I	Mary's	Polish	*********			
2-3 weeks		0 0				-	TTT	T DI	RTHS		_						t		
3 weeks-1 month		0 0			Malas				.KINS		5		DIO	ugnt ne	ere ioi	intern	nent		20
1-2 months		3 3		1												SEX			
2-3 months		0 1		1															
3-6 months		1 1											Fen	nale			*********	*******	56
6-9 months		1 2														COLC	R		
9-12 months		0 1					NA	VITA	ITY				Whi						
1 year	2	1 1			Fall I	River .					. 47		Colo	ored	••••••				1
2 years		1 1			Mass	achus	etts				8				CO	NDIT	NOI		
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5-9 years		0 0		1															
15-19 years		1 1																	
20-24 years		1 3											_						
25-29 years	-	3 3		1									dian				ases of ag., viz:		gious
30-34 years		1 2		1															0
35-39 years		3 3																	
40-44 years		2 3																	
45-49 years		3 3																	
50-54 years		6 6															ns		
55-59 years	13	7 6		1		_													
60-64 years		7 3		1					*********								m		
65-69 years	4	2 <b>2</b>							040000100000000000								itis		
70-74 years		2 5		1															
75-79 years		1 0			Swed	en											tis		
80-84 years		2 2			Greec	e													
85-89 years		0 1			Made	ira					••••								
90-94 years		0 0		1					•••••										
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DEATHS BY WAI	RDS	3				Т	he fo	llowing	is the i	number	r of co	ntagio	ous di	seases	report	ed in e	ach wa	rd:	
1					116	3	29	3-	<del></del> 8	46	5—	-5	612	2 7	7—1	84	9-	-5	
2																			
3					Estin	nating	the p	opulati	ion at 13	0,885, 1	10 dea	ths wo	ould g	ive an a	innual	death r	ate of 1	0.09 in	1,000
4						_		_	ore than				_						.,,
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7										Deatils	01 110	11-1 est	dents.		,				
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OF THE-

### BOARD OF HEALTH

CITY OF FALE RIVER

PUBLISHED MONTHLY BY THE BOARD OF HEALTH CITY OF FALL RIVER, MASS.

SAMUEL B. MORRISS, AGENT.

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OCTOBER 1924

NUMBER 10

### INFANTILE PARALYSIS

As many of the foremost health authorities of the country were of the opinion that Infantile Paralysis was apt to be prevalent during the present year, the reporting of each case of this disease was the source of much concern to the officials of this department.

The first case reported for the year was on April 11th, which was closely followed by the reporting of the second case the next day. These two cases however were widely separated as the one was the child of Portuguese parents who resided in the northern section of the city and the other who lived in the eastern part of the city was of Syrian parentage. No additional cases were reported for a period of nearly two months or not until the fourth day of June, when the third case of the disease was reported and this was in a different section of the city than the other two. Over two months elapsed between the dates of report of the third and fourth cases, the fourth being reported on August 6th, but during the two months following, that is from August 6th to October 6th, twenty cases occurred, the dates of reports being:

August 6, 11, 14, 25, September 2 (2 cases) 4, 5, 8, 10 (3 cases) 11, 13, 15 (2 cases) 16 (2 cases) 17, 20, October 2nd and 6th. No cases have been reported since this latter date. The total number of cases reported during the first ten months of the year is twenty-five. Of this number more than one half, or fourteen were under five years of age, and were equally divided as to sex, seven males and seven fe-

males. With the exception of one case, a woman of twenty-eight, none of the other patients were more than fifteen years of age, and they also were equally divided as to sex, five males and five females.

The following is a table of the age and sex of the patient, reported:

	Total	Male	Female
Under 1 year	3	2	1
1- 2 years		1	2
2- 3 years	3	1	2
3- 4 years		2	0
4- 5 years	3	1	2
5- 6 years		0	1
6- 7 years	2	1	1
7-8 years		2	2
9-10 years	1	1	0
12-13 years	1	0	1
14-15 years		1	0
28-29 years	1	0	1
	25	12	13

The twenty-five cases reported affected twenty-three families, in each of twenty-one families, one case existed, and in each of the other two there were two cases. In one family where two cases existed, the first was reported September 8th and the other seven days later, on September 15th; in the other both cases were reported on the same day. The disease was fairly well distributed throughout the city, although ten of the cases were located in large area in what might be roughly termed the south-eastern section of the city.

The disease was apparently of a mild type as no death occurred and with one or two exceptions no severe paralysis resulted.

# MORTALITY FOR THE MONTH OF SEPTEMBER, 1924

I.	-Endemic or Infectious Diseases.		1	I.—General Dis
1	Typhoid fever (abdominal typhoid		42	A
	and para-typhoid)		43	Cancer or other
	1. Paratyphoid fevers	ļ		0. Cancer of
2	Typhus fever (exanthematous) Relapsing fever (spirillum obermei-			2. Cancer
	eri)			3. Cancer of 4. Others
5	Melito—coccosis, (Malta fever)		44	Cancer or other
	0. Malarial fever			of the stomac
6	Smallpox			1. Cancer
7	Measles			2. Cancer 3. Cancer
9	Whooping cough	2	4.00	bladder
10	Diphtheria		45	Cancer or other
11	Influenza			rectum
	0. Pneumonia 1. Bronchitis			0. Cancer of periton
	2. Heart diseases	. 1		1. Cancer
	8. Nephritis	1		cept rect 2. Cancer
	5. Gastro intestinal			annus
	6. Puerperal		46	3. Others .
12	Miliary fever			of the female
13	Mumps			0. Cancer fallopian
14	Asiatic cholera  Cholera nostras (choleriform en-			1. Cancer
16	eritis) Dysentery			vulva
10	0. Amebic		47	3. Others .
	1. Bacillary			of the breast
	causes		48	Cancer or other
17	Plague		49	Cancer or other of other or un
	1. Pneumonic			of other or un 0. Cancer of
	2. Septicemic			1. Cancer
18	Yellow fever			pleura 2. Cancer
19	Icterohemorrhagica spirochetosis			3. Cancer
20 21	Erysipelas			suprarena 4. Cancer
22	Acute poliomyelitis			5. Cancer of
23	Encephalitis lethargica	.		6. Cancer of Cancer
24 25	Epidemic cerebro-spinal meningitis Other epidemic diseases	1		jaw)
	0. Varicella			8. Cancer 9. Others .
	1. Rubella 2. Septic Sore Throat		50	Benign tumors
28	Purulent or septicemic infection			turned as n
27	Glanders and farcy			nign or no the ovary and 0. Tumor o
28 29	Malignant pustule (anthrax)			1. Tumor
30	Tetanus			2. Tumor of 3. Tumor of
31 32	Mycoses Tuberculosis of the respiratory sys-			4. Tumor
20	tem	9	51	5. Tumor of Acute febrile
33	Tuberculosis of the meninges or of the central nervous system		52	Chronic rheumat
34	Tuberculosis of the intestines or	,		0. Chronic 1. Chronic
35	Tuberculosis of the vertebral column	1	53	Scurvy
36	Tuberculosis of the joints		54 55	Pellagra Beri-beri
37	Tuberculosis of other organs and structures		56	Rickets
	0. Tuberculosis of the skin or subcutaneous cellular tissue		57 58	Diabetes Anemia, Chloros
	1. Tuberculosis of the hones			0. Pernicion
	(except vertebral column). 2. Tuberculosis of the lymphatic system (except the		59	1. Other a Diseases of the
	phatic system (except the		60	Diseases of the Diseases of the 0. Exophth
	mesenteric and retroper- itoneal glands)			1. Other d
	8. Tuberculosis of the genito-		61	roid glar Diseases of the
	urinary system		62	Diseases of the
38	Disseminated tuberculosis		63	Addison's' disea adrenals)
	0. Acute (including miliary tu-		64	Diseases of the Leukemia and H
	berculosis of the lungs, ex- cept that specified as		65	Leukemia and l
	cept that specified as chronic or pulmonary)			1. Hodgkin'
39	1. Chronic		66 67	Alcoholism (acu Chronic poisonir
	Syphilis (includes syphilic infection of any organ, tissue or structure		-	stances
	of the body)			0. Chronic 1. Others
	1. Secondary		68	Chronic poisonir
	2. Tertiary		60	Other general di
	4. Period not specified		69	Other general dis
	Soft chancre (used for morbidity			1. Amyloid
10	statistics only)			
10	statistics only)  Gonococcal infection except that of the eye or adnexa  Gonococcal ophthalmia			2. Autointo: 8. Hemophil 4. Purpura

	of Causes of Death, Held at	
1	I.—General Diseases Not Included Above.	
43	Cancer or other mulignant tumore	
	of the buccal cavity	
	1. Cancer of the tongue	
	2. Cancer of the mouth	1
	3. Cancer of the jaw	1
44	Cancer or other malignant tumors	
	of the stomach and liver	
	0. Cancer of the pharynx 1. Cancer of the esophagus	7
	1. Cancer of the esophagus 2. Cancer of the stomach	3
	2. Cancer of the stomach	
45	bladder	4
40	Cancer or other malignant tumors of the peritoneum, intestines and	
	rectum	
	0. Cancer of the mesentery and peritoneum	
	1. Cancer of the intestines (ex-	
	cent rectum)	4
	2. Cancer of the rectum and	1
	annus	•
46	Cancer or other malanant tumore	
	of the female genital organs	
	fallopian tubes	
	1. Cancer of the uterus	
	2. Cancer of the vagina and	1
	vulva	1
47	Cancer or other malignant tumore	
48	of the breast  Cancer or other malignant tumors	
***		
49	Cancer or other malignant tumors of other or unspecified organs	
	of other or unspecified organs  0. Cancer of the larynx	
	1 Concer of the lune and	
	pleura	
	2. Cancer of the pancreas	-1
	3. Cancer of the kidneys and	
	2. Cancer of the pancreas	
	5. Cancer of the bladder	1
	6. Cancer of the brain	
	iaw)	
	jaw)	
50	9. Others	2
30	turned as malignant (except be-	
	nign or non-specified tumors of	
	the ovary and uterus—136, 138)	
	1. Tumor of the brain	
	an Additor of modellicitions in the control of the	
	3. Tumor of bladder	
	4. Tumor of prostate	
51	4. Tumor of prostate	1
52	Chronic rheumatism or gout	
	0. Chronic rheumatism	
53	Scurvy	
54 55	Pellagra	
56	Beri-beri Rickets	
57	Diabetes	2
58	Anemia, Chlorosis	
	1. Other anemias and chlorosis	
59	Diseases of the pituitary gland Diseases of the thyroid gland	
60	O. Exophthalmic goitre	
	1. Other diseases of the thy-	
	roid gland	
61 62	Diseases of the parathyroid gland Diseases of the thymus	
63	Addison's' disease (disease of the	
	advanala)	
64 65	Diseases of the spleenLeukemia and Hodgkin's disease	
93	0. Leukemia disease	1
	1. Hodgkin's disease	
66	Alcoholism (acute or chronic)	1
67	stances	
	0. Chronic lead poisoning	
-	1. Others	
68	Chronic poisoning by organic sub- stances	
69	Other general diseases	
00	0. Acidosis	
	1. Amyloid degenerations	
	2. Autointoxications	
	4. Purpura hemorrhagica	
	K Others	

	Diseases of the Nervous Syst and Organs of Special Sense.	0.230
70	Encephalitis	
71	Meningitis	
	Simple     Non-epidemic cerebro-spin- al meningitis	
72	al meningitis	
62	Progressive locomotor ataxia (tabes dorsalis)	
73	Other diseases of the spinal cord  0. Bulbar paralysis (Duchen-	
	0. Bulbar paralysis (Duchenne's disease)	
	1. Paralysis agitans (Parkin-	
	2. Acute ascending spinal par-	
	2. Acute ascending spinal paralysis (Landry's disease)	
	3. Myelitis	
74	4. Others	
	0. Cerebral hemorrhage	5
	1. Cerebral thrombosis and embolism	
75	Paralysis (without specified cause) 0. Hemiplegia	
	0. Hemiplegia	
76	1. Other forms of paralysis General paralysis (of the insane)	
77 78	Other forms of mental alienation Epilepsy	
79	Convulsions (non-puerperal) (5	
20	Convulsions (non-puerperal) (5 years and over)	
80	Infantile convulsions (under five years of age)	
81	Chorea	
	U. Chorea	
	1. Hysteria and neuralgia 2. Neuritis Softening of the brain	
82 83	Other diseases of the nervous sys-	
63	tem	
84	Diseases of the organs of vision and adnexa except gonococcal infection, No. 42  0. Diseases of the eye (except tymos)	
	tion, No. 42	
	0. Diseases of the eye (except	
	tumor)	
	2. Trachoma	
	1. Follicular conjunctivitis 2. Trachoma 3. Tumors of the eye 4. Other diseases of the eye or	
	its adnexa	
85	Diseases of the organs of hearing	
	0. Diseases of the ear	
	and the mastoid process  0. Diseases of the ear.  1. Diseases of the mastoid process	
		I
[V 86	—Diseases of the Circulatory Syste	700
87	Acute endocarditie and myocarditie	
	0. Acute endocarditis 1. Acute myocarditis Angina pectoris Other diseases of the heart	1
88	Angina pectoris	2
89	Other diseases of the heart	
	1. Chronic endocarditis	
	2. Other chronic diseases of	1 6
	2. Other chronic diseases of	6
90	the heart	6
90 91	Aneurism Atheroma and other diseases of the	6
91	Aneurism  Atherona and other diseases of the arteries  Embeliam and theomhosis (avant	6
91 92	Aneurism  Atherona and other diseases of the arteries  Embeliam and theomhosis (avant	6
91	Aneurism  Atherona and other diseases of the arteries  Embeliam and theomhosis (avant	6
91 92	Aneurism  Atherona and other diseases of the arteries Embolism and thrombosis (except cerbral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system	6
91 92 93 94	Aneurism  Atheroma and other diseases of the arteries Embolism and thrombosis (except cerbral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system (lymphangitis, etc.)	6
91 92 93	Aneurism  Atherona and other diseases of the arteries Embolism and thrombosis (except cerbral)  Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system (lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the directions	6
91 92 93 94 95	Aneurism  Atheroma and other diseases of the arteries Embolism and thrombosis (except cerbral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Discases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the sirculatory system.	5
91 92 93 94 95	Aneurism  Atheroma and other diseases of the arteries Embolism and thrombosis (except cerbral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the draculatory system  Diseases of the Respiratory System	5
91 92 93 94	Aneurism  Atheroma and other diseases of the arteries Embolism and thrombosis (except cerbral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the creatiatory system  Diseases of the Respiratory System Disease of the nasal fossae and their adnexa	5
91 92 93 94 95	Aneurism  Atheroma and other diseases of the arteries Embolism and thrombosis (except cerbral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the creatiatory system  Diseases of the Respiratory System Disease of the nasal fossae and their adnexa	5
91 92 93 94 95	Aneurism  Atheroma and other diseases of the arteries Embolism and thrombosis (except cerbral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the creatiatory system  Diseases of the Respiratory System Disease of the nasal fossae and their adnexa	5
91 92 93 94 95 V.— 96	Aneurism  Atheroma and other diseases of the arteries  Embolism and thrombosis (except cerbral)  Diseases of the veins (varices. hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system (lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the croulatory system  Diseases of the Respiratory System  Diseases of the nasal fossae and their adnexa  0. Diseases of the larynx (except tuberculosis and cancer)	5
91 92 93 94 95	Aneurism  Atheroma and other diseases of the arteries  Embolism and thrombosis (except cerbral)  Diseases of the veins (variess, hemorrhoids, phlebitis, etc.)  Diseases of the lymphatic system (lymphangitis, etc.)  Hemorrhage without determined cause; other diseases of the sirculatory system.  Diseases of the Respiratory System  Diseases of the nasal fossae and their adnexa  0. Diseases of the nasal fossae  1. Others  Diseases of the larynx (except tuberculosis and cancer)  Bronchitis	5
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91 92 93 94 95 V.— 96	Aneurism Aneurism Atheroma and other diseases of the arteries Embolism and thrombosis (except cerbral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the direculatory system  Diseases of the Respiratory System Diseases of the nasal fossae and their adnexa  0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer) Bronchitis  O. Acute 1. Chronic 2. Not otherwise defined under 5 years of age.	5
91 92 93 94 95 V.— 96	Aneurism Aneurism Atheroma and other diseases of the arteries Embolism and thrombosis (except cerbral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the crulatory system  Diseases of the Respiratory System Diseases of the nasal fossae and their adnexa  0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer) Bronchitis  0. Acute 1. Chronic 2. Not otherwise defined under 5 years of age  8. Not otherwise defined, 5	5
91 92 93 94 95 V.— 96	Aneurism Aneurism Atheroma and other diseases of the arteries Embolism and thrombosis (except cerbral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the crulatory system  Diseases of the Respiratory System Diseases of the nasal fossae and their adnexa  0. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer) Bronchitis  0. Acute 1. Chronic 2. Not otherwise defined under 5 years of age  8. Not otherwise defined, 5	5
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91 92 93 94 95 V.— 96	Aneurism Aneurism Atheroma and other diseases of the arteries Embolism and thrombosis (except cerbral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the creation of the creation of the cause; other diseases of the creation of the cause; other diseases of the cause; other diseases of the cause; other diseases of the cause; other diseases of the cause; other diseases of the cause; other diseases of the large of the cause; others diseases of the large of the cause; others diseases of the large of the cause; others diseases of the large of the cause; others defined under to the cause; other diseases of the large of the cause; other diseases of the large of the cause of	5
91 92 93 94 95 V.— 96 97 98	Aneurism Aneurism Atheroma and other diseases of the arteries Embolism and thrombosis (except cerbral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the croulatory system  Diseases of the Respiratory System  Diseases of the nasal fossae and their adnexa  1. Others Diseases of the larynx (except tuberculosis and cancer) Bronchitis  0. Acutc 1. Chronic 2. Not otherwise defined under 5 years of age.  3. Not otherwise defined, syears and over Broncho pneumonia (incuding capillary bronchitis) 0. Broncho pneumonia 1. Capillary bronchitis Pneumonia 0. Lobar 1. Not otherwise specified	6 1 1 5
91 92 93 94 95 V.— 96	Aneurism Aneurism Atheroma and other diseases of the arteries Embolism and thrombosis (except cerbral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the creation of the creation of the cause; other diseases of the creation of the cause; other diseases of the cause; other diseases of the cause; other diseases of the cause; other diseases of the cause; other diseases of the cause; other diseases of the large of the cause; others diseases of the large of the cause; others diseases of the large of the cause; others diseases of the large of the cause; others defined under to the cause; other diseases of the large of the cause; other diseases of the large of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of the cause of	6 1 1 5

102	Congestion or parenchymatous hem-		0. Abortion		8. Cocaine
103	Gangrene of the lung		1. Ectopic gestation		5. Opium (morphine)
104	AsthmaEmphysema of the lung	144	Puerperal hemorrhage		6. Wood alcohol
106	Other diseases of the respiratory	145	Other accidents of childbirth		7. Others
	system (tuberculosis excepted)  0. Chronic interstitial pneumo-		0. Cesarian sect.on	178	Conflagration
	nia (including occupational diseases of the lung)		and instrumental delivery  2. Others		flagration excepted)
	1. Diseases of the mediasti- num	146	Puerperal septicemia 1		1. Lamps
	2. Others ,	147	Phlegmasia alba docens, puerperal embolism or sudden puerperal		2. Steam
VI-	-Diseases of the Digestive System	148	deathPuerperar arbummur.a or convul-		4. Watches
107	Diseases of the mouth and adnexa  0. Diseases of the teeth and		sions 2		6. Others
	gums	149	Childbirth (without other explana-	180	7. Unknown
	. 1. Other diseases of the buccal cavity and adnexa	1	Puerpera diseases of the breast		0. Foreign body in larynx
108	Diseases of the pharynx and tonsils (includes adenoids)	117.	—Diseases of the Skin or Cellular Tissue.	101	1. Overlying
	Streptoccic sore throat     Ludwig's angina	151 152	Gangrene	101	Accidental absorption of irrespir- able or poisonous gas
	2. Tonsilitis	153	Boil, carbuncle, furuncle		1. Chloroform or ether
	3. Adenoids		Tinea and alopecia (morbidity only)		2. Coal gas
109	Diseases of the esophagus	154	Other diseases of the skin and its		3. Ammonia fumes
	num	-	adnexa		6. Unknown
	0. Ulcer of the stomach	X	Diseases of the Bones and Organs	182	Accidental drowning
111	Other diseases of the stomach (can- cer excepted	156	of Locomotion. Diseases of the bones (tubercu-	100	1. Others
	0. Indigestion	157	losis excepted)		Accidental injury by firearms (wounds of war excepted)
	2. Stricture or stenosis of py-	158	losis and rheumatism excepted) Other diseases of the bones or or-	184	Accidental injury by cutting or piercing instruments
	3. Others		gans of locomotion	185	Accidental injury by falls
112	Diarrhea and enteritis (under 2 years of age)	159	XI.—Malformations. Congenital malformations (still-		holds of vessels
113	Diarrhea and enteritis (2 years and over)		births excepted)		1. Down stairs
114 115	Ankylostomiasis  Diseases due to other intestinal		1. Malformations of the heart 1		3. From fire-escapes
	parasites		2. Others		5. From windows
	liver excepted)	160	Congenital debility, icterus and		7. On streets, sidewalks, etc 8. Other falls
	1. Trematodes		sclerema 0. Marasmus	186	Accidental traumatism in mines and
	kylostoma)		1. Inanition		quarries 0. In mines
	4. Other parasites		3. Scierema	187	Accidental traumatism by muchine
116	Appendicitis and typhlitis 1	161	4. Others		0. Deaths by machinery
117	Hernia, intestinal obstruction  0. Hernia		0. Premature birth 10	188	Accidental traumatism by other
118	1. Intestinal obstruction 1 Other diseases of the intestines	162	1. Injury at birth		lands ides, etc.)
	0. Diseases of the anus and stercoral fistulae		fancy		0. Run over by wagons, trucks, etc.
	1. Other diseases of the intes-		1. Atelectasis		1. Run over by automobiles 2. Run over by other vehicles
119	Acute yellow atrophy of the liver		3. Umbilical hemorrhage		8. Run over by electric surface
120	Hydatid tumor of the liver	163	4. Others Lack of care		4. Run over by steam railroad
	6. Returned as alcoholic	ŧ	XIII.—Old Age.		5. Run over by elevated rail-
122	Biliary calculi	l .	XIV — External Causes.		road cars
124	Diseases of the pancreas except	163	Lack of care(corrosive substances excepted)		7. Crushed by falling bodies 8. Crushed by derricks, stones,
125 126	Peritonitis of unstated cause Other diseases of the digestive		0. Opium, morphine		etc
120	system (cancer and tuberculosis		2. Chloroform (ether)	189 190	Injuries by animals (not poisoning)
3777	excepted)	166	Suicide by corrosive substances	191	Wounds received in war Executions of civilians by bellig-
VII	-Non-Venereal Diseases of the Genito-Urinary System and		0. Arsenic (paris green)	192a	erent armies
	its Adnexa.		2. Carbolic acid	1926	Starvation (deprivation of food or water)
127	Acute nephritis (including unspeci- fied under 10 years of age)		4. Oxalic acid	193 194	Excessive cold Excessive heat
128	Chronic nephritis (including un- specified over 10 years of age 9		acid)	195 196	Lightning
129 130	Chyluria	167	Suicide by poisonous gas	197 198	Homicide by firearms
130	Other diseases of the kidneys and their adnexa (diseases of the		0. Illuminating gas 1 1. Chloroform		Homicide by cutting or piercing in-
131	kidney in pregnancy excluded)		2. Coal gas	199 200	Homicide by other means
132	Diseases of the bladder (except tumors)	168. 169	Suicide by hanging or strangulation Suicide by drowning	201	than 1 year of age)
133	Diseases of the urethra, urinary abscess, etc.		0. Rivers, etc		0. Dislocations
	0. Stricture of the urethra 1. Others	170	Suicide by firearms	202	2. Fractures (cause unspecified) Other external violence
134	Disease of the prostate (except)	171	instruments	200	0. Criminal abortion
135	Non-veneral diseases of the male	172	struments Suicide by jumping from high		1. Explosions
136	genital organs Cysts and other benign tumors of	173	Suicide by crushing		8. Other medicaments (injection)
137	the ovarySalpingitis or pelvic abscess	174 175	Other suicides	203	4. Other external violence Violent deaths of which the cause
138 139	Renign tumors of the uterus		0. Mushrooms	_03	is unknown
140	Metritis		2. Pork sausages	204	XV.—III-Defined Diseases. Sudden death.
141	Other diseases of the female genital organs	176	8. Others	205	Cause of death not specified or ill- defined
142	Non-puerperal diseases of the breast (cancer excepted)	177	Other acute accidental poisonings (gases_excepted)		0. Ill-defined or not specified 1. No disease; malingering
	VII.—The Puerperal State.		1. Bichloride of mercury		2. Surgical operation
143	Accidents of pregnancy		2. Carbolic acid		TOTAL 128

### CONTAGIOUS HOSPITAL REPORT FOR SEPTEMBER, 1924

Patients admitted Termination { Recovery Death Left without permission	Anterior Poliomyelitis	Meningitis	Septic Sore Throat  50 to Diphtheria	Measles and Chicken Pox	Scarlet Fever Scalet Fever	Tonsilitis Diphtheria and	Ophthalnia Neonatorum	Pneumonia (Lobar)	: Acute Meningitis	sdwnW :	Typhoid Fever	Whooping Cough	Influenza Pneumonia	Scarlet Fever with Chiken Pox	German Measles	Scabies	16 12
DEATHS BY AGE	es				HOSE	OIT A	T S						CEN	IETE	RIES		
Under 1 day		or Females	To Co	ntagiou ntagiou n Hosp	General Hosis Divi us Divisi pital	lospita sion on	1		10		North St. Je St. M. St. P	Grove h Buri ohn's lary's atrick'	al Gro	und			28
1-2 days	. 0 0 . <b>4 2</b> . 0 0	0 0 2 0 0	True City	esdale H Home	Hospital Hospital				7 3		Nwoo Aged Our I St. M Sent	o Hill as Aha Lady o lary's l away	am f Ligh Polish for in	termen	t		1
3 weeks-1 month	1 0 1 1 5 4	0 1 0 1	Fem	ales	TILL				4		Male		*****	SEX			64
6-9 months	2 1 3	3 1 1 1									Whit Color		******	COLO			
3 years	2 1 2 1 3 2 0 0	1 1 1 0 0	Mas Othe Irela	sachuse r State nd	ettss				. 7		Single Wido Divor	e wed ced		NDIT			25
20-24 years	2 0 1 1 6 3	3 2 0 3	Scot. Gern	and nany							Dipht Scarl	ses rep theria. et Fev	orted er	110 car for Sep	ot., viz	•	9 5
40-44 years	7 1 4 3 5 3	6 6 1 2 3	Fran Belg Russ	ce ium ia					. 1		Tube Tube Whoo Meas	rculosi rculosi oping ( les	is of L is, oth Cough	ungs er form	 18		17
65-69 years	11 8 10 4 8 4 3 1	3 6 4 2	Italy Polar Denr	nd nark					<b>2</b>	,	Supp Chick Anter Cereb Pneu	urative en Por rior Po oro-Spi monia,	Conj x liomy nal M Loba	unctivi elitis eningit	is		9 16 1
85-89 years		3	Swed	len				*****			Septio	Sore	Throa	at			

#### DEATHS BY WARDS

Total ......128 64 64

95-99 years..... 0

100 + ..... 0

2	18
3	7
4	
5	
6	16
7	2
8	
0	

## The following is the number of contagious diseases reported in each ward: 1-16 2-22 3-14 4-7 5-8 6-22 7-3 8-5 9-1

Estimating the population at 130,885, 128 deaths would give an annual death rate of 11.74 in 1,000

This is 18 more than last month and 23 more than the same month in 1923.

Deaths of non-residents.....10.

German Measles ..

Lethargica Encephalitis ...

Syphilis .....

Dog Bite requiring anti-rabic treatment 1

Gonnorrhea.....

FRANK L. LARKIN, Secretary.

SAMUEL B. MORRISS, Agent.

Cape Verde Islands.....

Syria .....

Unknown .....



- OF THE-

### BOARD OF HEALTH

CITY OF FALL RIVER

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**NOVEMBER 1924** 

NUMBER 11

### COMMON COLDS

At the present time, officers of the United States Public Health Service are investigating the relationship between the common cold and influenza. As the common cold is not a reportable disease there are no accurate records to show the prevalence of this disease. However they have selected a fairly representative group of persons for their study and the preliminary report shows that "only 10 per cent had no colds, while 90 per cent had one or more colds during a five and one-half month period; the rate for the group as a whole for that period being 1.9 cold per person, or an annual rate of 3.7 cold per person should the same rate obtain throughtout the year."

Recently in speaking of the investigation the Surgeon General of the United States Public Health Service said, in part: "The common cold is the most prevalent illness in the United States and apparently many such colds are quite contagious, few people failing to experience at least one attack during a twelve-month period, while many persons have three or more attacks during that time. These facts are borne out by data recently secured by officers of the Public Health Service in an investigation of influenza and the minor respiratory diseases which they are conducting at the present time.

The cold was found to be the predominant form of respiratory attack. The relative frequency of symptoms was shown to be very much the same for all localities, and the epidemic outbreaks occurred apparently at about the same time of year in each locality. An outbreak of colds usually occurred in all localities in October, followed by a decline until the latter part of December, at which time another outbreak occurred.

It is now believed that there may be a closer correlation between the common cold and influenza than was formerly thought to exist. There seem to be cases of common cold and ordinary influenza which are almost indistinguishable clinically, and the bacteriological findings in the nose and throat of influenza sufferers and persons having a common cold are as far as the evidence goes practically the same. As a matter of fact, even in health the bacteria found in the minor respiratory diseases are nearly always present, which at once suggests that good resistance provided by physical fitness is an important line of defense, since a lowered vitality and lowered resistance favor infection. We cannot depend upon physical fitness alone, however, as robust persons may apparently contract a cold from an infected person."

It is generally believed that the respiratory diseases are due entirely to cold weather and this belief is fostered by the fact that these diseases are much more prevalent in the winter months than at any other time of the year. However it is not the weather that is responsible, it is the faulty manner in which people attempt to adapt themselves to this season of the year. At the first sign of cold weather, indoor sports are in order, and too much time is spent indoors in overheated, poorly ventilated homes, offices, stores, theatres, etc.

While we have no figures to corroborate our belief, we are quite sure that there are more persons suffering from the effects of common colds at the present time than normally. This is because of the unseasonableness of the weather. Houses and office buildings are heated and because of the nature of the weather for the past month or two, it has been difficult to regulate the temperature and most houses and buildings have been overheated most of the time. As a result of this overheating. the respiratory passages of the occupant, are made dry and become fertile ground for infection as the normal moisture of these passages with its germicidal properties is not present. We are hopeful that the information gained as a result of this study which the Public Health Service is now making will pave the way to controlling common colds and influenza and lessening their incidence. And if this is accomplished much suffering and inconvenience due to common colds will be done away with and in the case of influenza no recurrence of epidemics such as in 1918 need be feared.

### MORTALITY FOR THE MONTH OF OCTOBER, 1924

I.	-Endemic or Infectious Diseases.	1	I.—General I
1	Typhoid fever (abdominal typhoid	43	Cancer or o
	and para-typhoid)	73	of the bucc
	1. Paratyphoid fevers		0. Cance 1. Cance
2	Typhus fever (exanthematous) Relapsing fever (spirillum obermei-		2. Cance
	eri)		3. Cance 4. Other
5	Melito—coccosis, (Malta fever)	44	Cancer or o
	0. Malarial fever		of the ston 0. Cance
6	1. Malarial cachexia		1. Cance
7	Measles		2. Cance 3. Cance
8	Scarlet fever		bladde
9 10	Diphtheria	45	Cancer or o
11	Influenza		rectum
	0. Pneumonia 1		0. Cance peri
	1. Bronchitis		1. Cance
	3. Nephritis		cept r
	4. Meningitis 5. Gastro intestinal		annus
	6. Puerperal	46	3. Other
	7. Others	40	of the fema
12 13	Miliary fever		0. Cance
14	Asiatic cholera		fallopia 1. Cance
15	Cholera nostras (choleriform en-		2. Cance
16	Dysentery		vulva 3. Other
	0. Amebic	47	Cancer or o
	2. Unspecified or due to other	48	Cancer or o
17	Plague	49	of the skin
	0. Bubonic	49	Cancer or o
	1. Pneumonic		0. Cance
	3. Unspecified		1. Cance
18	Yellow fever		2. Cance
19 20	Icterohemorrhagica spirochetosis		3. Cance suprar
21	Erysipelas		4. Cance
22	Acute poliomyelitis		5. Cance 6. Cance
23	Encephalitis lethargica		7. Cance
24 25	Epidemic cerebro-spinal meningitis Other epidemic diseases		jaw) 8. Cance
	0. Varicella		9. Other
	1. Rubella	50	Benign tumo: turned as
26	Purulent or septicemic infection		nign or
27	Glanders and farcy		the ovary a
28 29	Malignant pustule (anthrax)		1. Tumo
30	Tetanus		2. Tumo
31 32	Mycoses Tuberculosis of the respiratory sys-		4. Tumo
	tam 9	51	5. Tumo Acute febrile
33	Tuberculosis of the meninges or of the central nervous system	52	Chronic rheur
34	Tuberculosis of the intestines or		0. Chron 1. Chron
	peritoneum 1	53	Scurvy
35 36	Tuberculosis of the vertebral column Tuberculosis of the joints	54 55	Pellagra
37	Tubercu.osis of other organs and	56	Beri-beri Rickets
	o. Tuberculosis of the skin or	57 58	Diabetes
	subcutaneous cellular tissue	30	Anemia, Chlor 0. Pernic
	1. Tuberculosis of the bones (except vertebral column).	59	1. Other Diseases of the
	2. Tuberculosis of the lym-	60	Diseases of
	phatic system (except the mesenteric and retroper-		0. Exop
	itoneal glands)		1. Other roid s
	3. Tuberculosis of the genito- urinary system	61	Diseases of th
	4. Tuberculosis of other organs	62 63	Diseases of the Addison's' di
38	Disseminated tuberculosis		adrenals)
	berculosis of the lungs, ex-	64 65	Diseases of the Leukemia and
	cept that specified as chronic or pulmonary)		0. Leuke
	1. Chronic	66	1. Hodgi Alcoholism (a
38	Syphilis (includes syphilic infection	67	Chronic poise
	Syphilis (includes syphilic infection of any organ, tissue or structure of the body)		stances 0. Chron
	0. Primary		1. Other
	1. Secondary	68	Chronic poiso
	2. Tertiary	69	Other general
40	4. Period not specified		0. Acidos
40	Soft chancre (used for morbidity statistics only)		1. Amylo 2. Autoir
	Concessed infection except that of		3. Hemor
41	Gonococcal infection except that of the eye or adnexs		4. Purpu

ON C	AS ADOPTED AT THE I HIRD IN OF CAUSES OF DEATH, HELD AT	P.
11	I.—General Diseases Not Included	
43	Above. Cancer or other malignant tumors	
	of the buccal cavity	
	1. Cancer of the lip  1. Cancer of the tongue	
	2. Cancer of the mouth	
	3. Cancer of the jaw	1
44	Cancer or other malignant tumors	
	of the stomach and liver	
	0. Cancer of the pharynx	
	2. Cancer of the stomach	3
	O. Cancer of the pharynx  Cancer of the esophagus  Cancer of the stomach  Cancer of the liver and gall bladder  Cancer of the liver and gall	
45	Cancer or other malignant tumors	
	of the peritoneum, intestines and rectum	
	0. Cancer of the mesentery and peritoneum	
	1. Cancer of the intestines (ex-	
	cept rectum)	1
	annus	
4.0	annus	
46	Cancer or other malignant tumors of the female genital organs	
	0. Cancer of the ovary and	
	fallopian tubes	
	1. Cancer of the uterus	2
	vulva	
47	o. Others	
47	Cancer or other malignant tumors of the breast	
48	of the breast	
49		
*#0	Cancer or other malignant tumors of other or unspecified organs	
	U. Cancer of the larvnx	
	1. Cancer of the lung and pleura	
	2. Cancer of the pancreas	
	3. Cancer of the kidneys and	
	4. Cancer of the prostate	
	5. Cancer of the bladder	
	b. Cancer of the brain	
	7. Cancer of the bones (except jaw)	
	Company of Alice Academ	
E0	9. Others	2
50	turned as malignant (except be-	
	nign or non-specified tumors of	
	the ovary and uterus—136, 138)	
	1. Tumor of thorax	
	2. Tumor of abdomen	
	4. Tumor of bladder	
	2. Tumor of abdomen	
51	Acute febrile articular rheumatism.	
52	0. Chronic rheumatism or gout	
	1. Chronic gout	
53 54	Pellagra	
55	Beri-beri	
56	Rickets	4
57 58	Diabetes Anemia Chlorosis	**
	Anemia, Chlorosis  O. Pernicious anemia	
59	1. Other anemias and chlorosis Diseases of the pituitary gland Diseases of the thyroid g'and 0. Exophthalmic goitre	
60	Diseases of the thyroid g'and	
	0. Exophthalmic goitre	
	1. Other diseases of the thy- roid gland	
61	Diseases of the parathyroid gland	
62	Diseases of the parathyroid gland  Diseases of the thymus	
63	Addison's disease (disease of the	
64	Diseases of the spleenLeukemia and Hodgkin's disease	
65	Leukemia and Hodgkin's disease	
	0. Leukemia	2
66	Alcoholism (acute or chronic) Chronic poisoning by mineral sub-	
67	Chronic poisoning by mineral sub-	
	0. Chronic lead poisoning	
	1. Others	
68	Chronic poisoning by organic sub- stances	
69	Other general diseases	
-	0. Acidosis	
	1. Amyloid degenerations	
	2. Autointoxications	
	4. Purpura hemorrhagica	
	5. Others	

111-	Diseases of the Nervous Systemand Organs of Special Sense.	) TEL
70	Encephalitis	1
71		,
	Simple     Non-epidemic cerebro-spinal meningitis	
72	Progressive locomotor ataxia (tabes	
	dorsails)	
73	Other diseases of the spinal cord  0. Bulbar paralysis (Duchen-	
	ne's disease)	
	son's disease!	
	2. Acute ascending spinal par- alysis (Landry's disease)	
	3. Myelitis	
74	4. Others  Cerebral hemorrhage, apoplexy	
	Cerebral hemorrhage      Cerebral thrombosis and em-	14
	bolism	
75	Paralysis (without specified cause) 0. Hemiplegia	
70	1. Other forms of paralysis General paralysis (of the insane)	
76 77	Other forms of mental alienation	
78 79	Epilepsy	
	Convulsions (non-puerperal) (5 years and over)	
80	Infantile convulsions (under five years of age)	
81	Chorea	
	1. Hysteria and neuralgia	
82	1. Hysteria and neuralgia 2. Neuritis	
B3	Other diseases of the nervous sys-	
84	Diseases of the organs of vision and	
	Diseases of the organs of vision and adnexa except gonococcal infection, No. 42  0. Diseases of the eye (except	
	0. Diseases of the eye (except	
	2. Trachoma	
	Follicular conjunctivitis     Trachoma     Tumors of the eye  Other diseases of the eye or	
85	Discases of the organs of horring	
85	and the mastoid process	
	and the mastoid process	
	process	
IV	-Diseases of the Circulatory Syste	m
87	Acute endocarditis and myocarditis	
	0. Acute endocarditis	
88	1. Acute myocaruitis	1
B.G	Angina pectoris	1 5
89	Other diseases of the heart	
89	Angina pectoris Other diseases of the heart	5
	Angina pectoris Other diseases of the heart  0. Chronic endocarditis 1: Chronic myocarditis 2. Other chronic diseases of the heart	5
90 91	Angina pectoris Other diseases of the heart  O. Chronic endocarditis I. Chronic myocarditis 2. Other chronic diseases of the heart Aneurism Atheroma and other diseases of the	5 1 17
90	Angina pectoris Other diseases of the heart  O. Chronic endocarditis L. Chronic myocarditis Chronic diseases of the heart  Aneurism Atheroma and other diseases of the arteries  Explaining and themplosis (execut	5 1 17
90 91 92	Angina pectoris Other diseases of the heart  O. Chronic endocarditis L. Chronic myocarditis Chronic diseases of the heart  Aneurism Atheroma and other diseases of the arteries  Explaining and themplosis (execut	5 1 17
90 91 92 93	Angina pectoris Other diseases of the heart  O. Chronic endocarditis L. Chronic myocarditis Chronic diseases of the heart  Aneurism Atheroma and other diseases of the arteries  Explaining and themplosis (execut	5 1 17
90 91 92	Angina pectoris Other diseases of the heart  0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart  Aneurism Atheroma and other diseases of the arteries Embolism and thrombosis (except cerbral) Diseases of the veins (variese hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system	5 1 17 2
90 91 92 93	Angina pectoris Other diseases of the heart  0. Chronic endocarditis 1. Chronic myocarditis 2. Other chronic diseases of the heart  Aneurism Atheroma and other diseases of the arteries Embolism and thrombosis (except cerbral) Diseases of the veins (variese hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system	5 1 17
90 91 92 93 94 95	Angina pectoris Other diseases of the heart	5 1 17 2
90 91 92 93 94 95	Angina pectoris Other diseases of the heart  0. Chronic endocarditis 1: Chronic myocarditis 2. Other chronic diseases of the heart Atheroma and other diseases of the arteries Embolism and thrombosis (except cerbral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the cfreculatory system.	5 1 17 2
90 91 92 93 94 95	Angina pectoris Other diseases of the heart	5 1 17 2
90 91 92 93 94 95	Angina pectoris Other diseases of the heart	5 1 17 2
90 91 92 93 94 95	Angina pectoris Other diseases of the heart	5 1 17 2
90 91 92 93 94 95 V.—	Angina pectoris Other diseases of the heart	5 1 17 2
90 91 92 93 94 95 V.—	Angina pectoris Other diseases of the heart  O. Chronic endocarditis 1: Chronic myocarditis 2. Other chronic diseases of the heart Atheroma and other diseases of the arteries Embolism and thrombosis (except cerbral) Diseases of the veins (varices, hemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulatory system.  Diseases of the Respiratory Syste Disease of the nasal fossae and their adnexa  O. Diseases of the nasal fossae 1. Others Diseases of the larynx (except tuberculosis and cancer)	5 1 17 2
90 91 92 93 94 95 V.—	Angina pectoris  Other diseases of the heart	5 1 17 2
90 91 92 93 94 95 V.—	Angina pectoris Other diseases of the heart	5 1 17 2
90 91 92 93 94 95 V.—	Angina pectoris Other diseases of the heart	5 1 17 2
90 91 92 93 94 95 V.—	Angina pectoris Other diseases of the heart	5 1 177 2
90 91 92 93 94 95 V.—	Angina pectoris  Other diseases of the heart	5 1 177 2
90 91 92 93 94 95 V.— 96	Angina pectoris Other diseases of the heart	5 1 1 17 2
90 91 92 93 94 95 V.—	Angina pector:s  Other diseases of the heart	5 1 1,7 2
90 91 92 93 94 95 V.— 96	Angina pectoris Other diseases of the heart	5 1 1 17 2
90 91 92 93 94 95 V.—96 97 98	Angina pector:s  Other diseases of the heart	5 1 1 17 2

103					9 Consino
103	Congestion or parenchymatous hem-		0. Abortion		8. Cocaine
	orrhage of the lung		1. Ectopic gestation		4. Lysol
	Gangrene of the lung		2. Other accidents of preg-		5. Opium (morphine)
	Emphysema of the lung	144	Puerperal hemorrhage		7. Others
	Other diseases of the respiratory		Other accidents of childbirth		8. Not specified or unknown
	system (tuberculosis excepted)		0. Cesar:an section		Conflagration
	0. Chronic interstitial pneumo-		1. Other surgical operations and instrumental delivery	179	Accidental burns and scalds (con- flagration excepted)
	nia (including occupational diseases of the lung)		2. Others		0. Stoves
	1. Diseases of the mediasti-	146	Puerperal septicemia	1	1. Lamps
	num	147	Phlegmasia alba dolens, puerperal		2. Steam
	2. Others		embolism or sudden puerperal death		3. Hot fluids
VI-	Diseases of the Digestive System	148	Puerperal abuminura or convul-		5. Bonfires
107	Diseases of the mouth and adnexa		sions1		6. Others
	0. Diseases of the teeth and	149	Childbirth (without other explana-	100	7. Unknown
	1. Other diseases of the buccal	150	tion)Puerpera diseases of the breast	100	O. Foreign body in larynx
	cavity and adnexa				1. Overlying
108	Diseases of the pharynx and tonsils	IX	-Diseases of the Skin or Cellular		2. Others
	(includes adenoids)		Tissue.	181	Accidental absorption of irrespir-
	0. Streptoccic sore throat		Gangrene Boil, carbuncle, furuncle		able or poisonous gas
	1. Ludwig's angina		Phlegmon, acute abscess		1. Chloroform or ether
	3. Adenoids	154a	Tinea and alopecia (morbidity		2. Coal gas
	4. Others		only)		8. Ammonia fumes
	Diseases of the esophagus		Pruritis (morbidity only) Other diseases of the skin and its		4. Sewer gas
110	Ulcer of the stomach and duode-	100	adnexa		5. Other gases
	o. Ulcer of the stomach	v		192	6. Unknown Accidental drowning
	1. Ulcer of the duodenum	Λ	Diseases of the Bones and Organs	102	0. Rivers, ponds, etc.
111	Other diseases of the stomach (can-	156	of Locomotion. Diseases of the bones (tubercu-		1. Others
	cer excepted	.00	losis excepted)	163	
	0. Indigestion 1. Gastritis	157	Diseases of the joints (tubercu-	184	(wounds of war excepted)
	2. Stricture or stenosis of py-	1.00	losis and rheumatism excepted)	104	piercing instruments
	lorus	158	Other diseases of the bones or organs of locomotion	185	Accidental injury by falls
440	8. Others				0. Down shafts, hatchways,
112	Diarrhea and enteritis (under 2 years of age)	150	XI.—Malformations. Congenital malformations (still-		holds of vessels
113	Diarrhea and enteritis (2 years and	159	Congenital maiformations (still- births excepted)		2. From buildings
	over)		0. Hydrocephalus		3. From fire-escapes
114	Ankylostomiasis  Diseases due to other intestinal		1. Malformations of the heart		4. From scaffolds
115	parasites		2. Others 1		5. From windows
	0. Cestodes (hydatids of the	X	II Diseases of Early Infancy.		7. On streets, sidewalks, etc
	liver excepted)	160	Congenital debility, icterus and		8. Other falls
	1. Trematodes		o. Marasmus	186	Accidental traumatism in mines and
	kylostoma)		1. Inanition		quarries
	3. Coccidia		2. Icterus		1. In quarries
	4. Other parasites	1	8. Sclerema	187	Accidental traumatism by machine
116	5. Parasites not specified	161	Premature birth, or consequence of	1	0. Deaths by machinery
	Hernia, intestinal obstruction	101	labor	188	Accidental traumatism by other
	0. Hernia		0. Premature birth 11		crushing (vehicles, railways,
	1. Intestinal obstruction		1. Injury at birth		lands'ides, etc.)
118	Other diseases of the intestines  O. Diseases of the anus and	162	Other diseases peculiar to early in-		0. Run over by wagons, trucks, etc.
	stercoral fistulae		0. Asphyxia neonatorum 1		1. Run over by automobiles
	1. Other diseases of the intes-		1. Atelectasis 1		2. Run over by other vehicles
119	Acute vellow atrophy of the liver		2. Umbilical infection		8. Run over by electric surface
	Hydatid tumor of the liver		4. Others		4. Run over by steam railroad
	Cirrhosis of the liver	163	Lack of care		cars
	0. Returned as alcoholic		XIII.—Old Age.		5. Run over by elevated rail-
122	1. Not returned as alcoholic Biliary calculi	164	Old age (senility)		road cars
123	Other diseases of the liver 1		XIV External Causes.		7. Crushed by falling bodies
124	Diseases of the pancreas except	165	Suicide by solid or liquid poisons		8. Crushed by derricks, stones,
125	Peritonitis of unstated cause		(corrosive substances excepted)		etc
	Other diseases of the digestive		0. Opium, morphine	18	9. Other causes 9 Injuries by animals (not poisoning)
	system (cancer and tuberculosis		1. Strychnine	19	
	excepted)		8. Others	19	1 Executions of civilians by bellig-
VII	Non-Venereal Diseases of the	168	Suicide by corrosive substances	100	erent armies2a Excessive labor
	Genito-Urinary System and		0. Arsenic (paris green)		Zb Starvation (deprivation of food or
	its Adnexa.		2. Carbo ic acid		water)
127	Acute nephritis (including unspeci-		3. Cyanides (prussic acid)	19:	
	fied under 10 years of age) 3		4. Oxalic acid	194	5 Lightning
128	Chronic nephritis (including un-	1	5. Muriatic acid (hydrochloris acid)	19	6 Other accidental electric shocks
129	Specified over 10 years of age		6. Other corrosive poisons	19	
	Other diseases of the kidneys and	167	Suicide by poisonous gas	19	8 Homicide by cutting or piercing in- struments
	their adnexa (diseases of the		0. Illuminating gas	19	9 Homicide by other means
131	kidney in pregnancy excluded) Calculi of the urinary passages		1. Chloroform	20	O Infanticide (murder of infants less
	Diseases of the bladder (except		8. Others	000	than 1 year of age)  1 Fracture (cause not specified)
	tumors)		Suicide by hanging or strangulation	20	0. Dislocations
133	Diseases of the urethra, urinary abscess, etc.	169	Suicide         by         drowning            0.         Rivers, etc.		1. Sprains
	0. Stricture of the urethra	1	1. Others	900	2. Fractures (cause unspecified)
	1. Others	170	Suicide by firearms	20	2 Other external violence
134	Disease of the prostate (except)	171	Suicide by cutting or piercing in- struments		1. Explosions
135	Non-veneral diseases of the male	172	Suicide by jumping from high		2. Salvarsan injection
200	genital organs		places		8. Other medicaments (injection)
136	Cysts and other benign tumors of	173	Suicide by crushing		4. Other external violence
40*	the ovary	174	Other suicides Poisoning by food	20	3 Violent deaths of which the cause
137	Salpingitis or pelvic abscess  Benign tumors of the uterus	1	0. Mushrooms		is unknown
	Non-puerperal uterine hemorrhage		1. Shell fish		XV.—Ill-Defined Diseases.
138 139	Metritis		2. Pork sausages	20	
		272	8. Others Poisoning by venomous animals	20	defined
139	Other diseases of the female genital	176			Cenned
139 140 141	organs 2	177	Other acute accidental poisonings		0. Ill-defined or not specified
139 140 141			Other acute accidental poisonings (gases excepted)		0. Ill-defined or not specified 1. No disease; malingering
139 140 141	Non-puerperal diseases of the		Other acute accidental poisonings		0. Ill-defined or not specified

### CONTAGIOUS HOSPITAL REPORT FOR OCTOBER, 1924

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat	Diphtheria	Measles and Chicken Pox	Scarlet Fever	Scalet Fever and Diphtheria	Lonsintts Diphtheria and Ophthalmia Neonatorum	Pneumonia (Lobar)	Acute Meningitis	Mumps	Typhoid Fever	Whooping Cough	Influenza Pneumonia	Scarlet Fever with Chiken Pox	German Measles	Scabies	Total
Patients admitted Termination { Recovery Death Left without permission	1 3				8 5		3				••••	+šo+						****	12 12
DEATHS BY AGE	3											T			CEA	/ DTE	DIE		
DEATHS DI AGE	3								rals				Oak	Grove		1ETE			23
	-	9 6						1	pital n							ound			
	ots ;	Fema											St.	Mary's	*********				100000
Under 1 day		6 4				_													
1-2 days		0 3					_		**********							· · · · · · · · · · · · · · · · · · ·			
2-3 days		0 0														ht			
3 days-1 week		1 0														nt 1			
1-2 weeks		0 0			110111	e ioi A	igeu	**********		***********	****		Sen	t away	for in	termen	t		12
3 weeks-1 month		0 0				c	TT	II E	IRTH	2			Bro	ugnt ne	ere 101	interr	nent		14
1-2 months		2 1			N/ala						11					SEX			
2-3 months	3	0 3																	
3-6 months	5	2 3									_		Fen	naie					76
6-9 months		1 3							-4-0400000000000000							COLC			
9-12 months		$ \begin{array}{ccc} 0 & 0 \\ 2 & 1 \end{array} $																	
1 year 2 years		0 0	- 1				N	ATIV	/ITV				Cold	orea	•••••				
3 years	0	0 0			75.11.1	n.•			/ I I I		ril "					NDIT			
4 years	0	0 0											Man	ried					56
5-9 years	5	2 3																	
10-14 years	1	1 0											Dive	orced					
15-19 years	4	2 2											Unk	nown.	••••••				
20-24 years	3	1 2												Ther	e wer	e 85 ca	ases of	conta	gious
25-29 years		1 1											dise	ases re	porte	l for O	ct., viz		
30-34 years		1 3 7 1																	
<b>35-39 years 40-44 years</b>		3 4			Azor	es			. 6 . 7		6								
45-49 years		3 3											Tub	erculo	sis of	Lungs			12
50-54 years	.0	4 6														her form			
55-59 years	.0	6 4			4.5											1			
60-64 years	1	3 8											Oph	thalmi	a Neo	natoru	m		10
65-69 years		6 8											Sup	purativ	re Con	junctiv	itis		7
70-74 years		3 5			Polar	d					. 1		Ant	erior P	oliom	yelitis			2
75-79 years		3 4 5 2														Aeningi ar			
85-89 years		0 1														al			
90-94 years		1 0														at			
95-99 years	0	0 0																	
100+		0 0											Let	hargica	Ence	phalitis			*****
Unknown	0	0 0									_		Dog	Bite r	equiri	ng anti-	rabic t	reatm	ent
Total14	12 6	6 76			-				······										
DEATHS BY WAR		21 20			1—1		he fo		g is the 3—12	number		ntagi		seases 1	report 74			rd: 9—13	
3		_			Estir	nating	the	popula	tion at 13	0,885.14	12 deat	hs w	ould gi	ve an a	nnual	death r	ate of 1	3.02 in	1,000
5		-				_			nore tha				_						
6										Deaths									
7												- 1 - 0			J.				
8														FRA	ANK	L. LAR	KIN,	Secreta	ary.
0		15			SA	MUE	_ B.	MOR	RISS, A	ent.									

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### MONTHLY BULLETIN

-OF THE-

### BOARD OF HEALTH

CITY OF FALL RIVER

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**VOLUME X** 

**DECEMBER 1924** 

NUMBER 12

### PULMONARY TUBERCULOSIS

In our January Bulletin, it was noted that although our general mortality rate was the lowest since 1890, there had been an increase in the number of deaths (122) from Pulmonary Tuberculosis during 1923 as compared with 1922 (111). It was also noted that, for the first time since 1917, there had been an increase, over the previous year, in the number of cases reported. In 1922 there were 201 cases and 1923, 223. For the first six months of the present year there was a falling off in the number of cases reported and we were beginning to think that the cases reported for the year would show a very satisfactory decrease, but during the latter half of the year up to and including December 15, there was such an excess in the number of cases reported over the number for the last half of 1923 that the total for the year will be approximately the same as that of last year. In fact, if there are as many cases reported during the latter half of December as there were for the first fifteen days of the month, the total for the year will be exactly the same as that for the previous year, as the following table will

HOW.					
	TA	BLE			
	19	24	19	23	
	CASES	DEATHS	CASES	DEATHS	
January	23	7	25	10	
February	15	8	26	15	
March	12	9	24	13	
April	18	6	23	8	
May	23	12	29	13	
June	17	5	20	11	
July	21	10	14	14	
August	18	7	12	5	
September	16	9	. 14	9	

October	12 9	11	9
November	24 4	13	9
December	*12 *4	12	7
	*211 *90	223	122

\*To December 15, 1924.

After the World War leading Health Officials and Anti-Tuberculosis Workers were of the opinion that there would be an increase in the prevalence of Pulmonary Tuberculosis. Fortunately this has not proved true but on the contrary the incidence of the disease is generally decreasing. The increase noted in our own city during the last two years, we are sure is due in no small measure, to the period of industrial depression, through which we have been passing. It would be unfortunate indeed, however, if the decrease should result in the belief that the fight against the Great White Plague is over and that further efforts are unnecessary. True, the tide of battle has been turned and an offensive campaign is now being carried on, but it should be continued vigorously until the disease is completely eradicated. Hospitals and sanatoria must still be built, equipped and maintained to fight the defensive campaign of curing those who have contracted the disease, but the work of prevention must go on as the offensive against the disease. In the work of prevention, education is most essential, and one of the big little things in education for the prevention of Tuberculosis is the Christmas Health Seal, in itself, as well as in what it accomplishes. So buy Christmas Seals and help to stamp out Tuberculosis.

# MORTALITY FOR THE MONTH OF NOVEMBER, 1924

	of the Classifica
I	Endemic or Infectious Diseases.
1	Typhoid fever (abdominal typhoid and para-typhoid)
	Typhoid fever      Paratyphoid fevers
2 3	Typhus fever (exanthematous) Re.apsing fever (spirillum obermei-
4	
5	Melito—coccosis, (Malta fever)
6	1. Malarial cachexia
7 8	Scarlet fever
9	Whooping cough Diphtheria Influenza
11	Complications:
	0. Pneumonia
	2. Heart diseases
	4. Meningitis
	6. Puerperal
12 13	Miliary fever
14	Asiatic cholera
16	Dysentery
	0. Amebic
	2. Unspecified or due to other causes
17	Plague
	1. Pneumonic
18	3. Unspecified
19	Yellow fever
20	Leprosy Erysipelas
22	Acute poliomyelitis Encephalitis lethargica
24 25	Epidemic cerebro-spinal meningitis Other epidemic diseases
	0. Varicella
26	2. Septic Sore Throat  Purulent or septicemic infection
27 28	Glanders and farcy
29	Rabies
31	Mycoses Tuberculosis of the respiratory sys-
33	tem
34	Tuberculosis of the meninges or of the central nervous system
35	Tuberculosis of the intestines or peritoneum  Tuberculosis of the vertebral column
36 37	Tuberculosis of the joints Tuberculosis of other organs and
	0. Tuberculosis of the skin or
	peritoneum Tuberculosis of the vertebral column Tuberculosis of the joints Tuberculosis of other organs and structures  0. Tuberculosis of the skin or subcutaneous cellular tissue 1. Tuberculosis of the bones (except vertebral column). 2. Tuberculosis of the lymphatic system (except the mesenteric and retroperitoneal glands)
	(except vertebral column).  2. Tuberculosis of the lym-
	phatic system (except the mesenteric and retroper-
	3. Tuberculosis of the genito-
	4 Tuberculosis of other organs
38	Disseminated tuberculosis  O. Acute (including miliary tuberculosis of the lungs, except that specified as chronic or pulmonary)  1. Chronic
	cept that specified as
	1. Chronic
39	Syphilis (includes syphilic infection of any organ, tissue or structure of the body)
	0. Primary
	0. Primary
40	3. Hereditary
40	Soft chancre (used for morbidity statistics only)
41	Gonococcal infection except that of the eye or adnexa
-2	Gonococcai ophthaimia

ATH ON	, AS ADOPTED AT THE THIRD IN OF CAUSES OF DEATH, HELD AT	TE
	II.—General Diseases Not Included	
	Above. Cancer or other malignant tumors	
43	of the buccal cavity	
	of the buccal cavity	
	a. Cancer of the Jaw	1
44	4. Others	
	Cancer or other malignant tumors of the stomach and liver	
	1. Cancer of the esophagus 2. Cancer of the stomach	1 2
	3. Cancer of the liver and gall bladder	1
45	Cancer or other malignant tumors	
	of the peritoneum, intestines and rectum  O. Cancer of the mesentery and	
	peritoneum	
	1. Cancer of the intestines (except rectum)	
	2. Cancer of the rectum and annus	1
46	9 Othorn	
	Cancer or other malgnant tumors of the female genital organs  0. Cancer of the ovary and fallopian tubes	
	fallopian tubes	
	2. Cancer of the vagina and	2
	vulva	
47	vulva 3. Others Cancer or other malignant tumors of the breast	
48	Cancer of Other manging tumors	
49	cancer or other malignant tumors of other or unspecified organs	
	O. Cancer of the larynx  Cancer of the lung and	
	pleura	
	pleura  2. Cancer of the pancreas.  3. Cancer of the kidneys and suprarenals  4. Cancer of the prostate.  5. Cancer of the bladder.  6. Cancer of the brain.	
	suprarenals	
	5. Cancer of the bladder 6. Cancer of the brain	
	iaw)	
	8. Cancer of the testes	
50	Benign tumors and tumors not re-	
	turned as malignant (except benign or non-specified tumors of the ovary and uterus—136, 138)  1. Tumor of the brain	
	0. Tumor of the brain	
	2. Tumor of abdomen	
	4. Tumor of bladder	
51	4. Tumor of prostate	1
52	O. Chronic rheumatism or gout	
53	1. Chronic gout	
54 55	Pellagra Beri-beri	
56 57	Rickets	1 3
58	Anemia, Chlorosis  O. Pernicious anemia	1
59		1
60	Diseases of the pituitary gland  Diseases of the thyroid g'and  0. Exophthalmic go'tre	
	1. Other diseases of the thv-	
61	roid gland  Diseases of the parathyroid gland  Diseases of the thymus	
62 63	Addison's' disease (disease of the	1
64		
65	Diseases of the spleen  Leukemia and Hodgkin's disease  0. Leukemia	
66	0. Leukemia	The same
67	Chronic poisoning by mineral sub-	1
	0. Chronic lead poisoning	
68	1. Others	
69	Other general diseases	
1111	1. Amyloid degenerations	
	2. Autointoxications	1
	4. Purpura hemorrhagica	1.
	O. Others	

RIS, (	Эстовек, 1920.	
111-	Diseases of the Nervous Systemand Organs of Special Sense.	em
70	Encephalitis	
71	Meningitis  0. Simple  1. Non-epidemic cerebro-spinal meningitis	1
72	Progressive locomotor ataxia (tabes	
73	Other diseases of the sp.nal cord  O. Bulbar paralysis (Duchenne's disease)	
	ne's disease)	
	1. Paralysis agitans (Parkin- son's disease	
	2. Acute ascending spinal par-	
	Acute ascending spinal par- alysis (Landry's disease)  3. Myelitis	
	3. Myelitis	
74	Cerebral hemorrhage, apoplexy	8
	O. Cerebral hemorrhage  1. Cerebral thrombosis and em-	0
75		
	Paralysis (w thout specified cause) 0. Hemiplegia 1. Other forms of paralysis General paralysis (of the insane) Other forms of mental alienation	
76	General paralysis (of the insane)	1
77 78	Other forms of mental alienation	
79	Epilepsy Convulsions (non-puerperal) (5 years and over)	2
80	years and over)	
11781	Infantile convulsions (under five years of age)	
81	Chorea	
	1. Hysteria and neuralgia	
82	2. Neuritis	
83	Chorea  1. Hysteria and neuralgia 2. Neuritis  Softening of the brain Other diseases of the nervous system	
84	Diseases of the organs of vision and	
	adnexa except gonococcal infec-	
	Diseases of the organs of vision and adnexa except gonococcal infection, No. 42  0. Diseases of the eye (except tymor)	
	2. Trachoma	
	8. Tumors of the eye	
85	ita adnava	
99	Diseases of the organs of hearing and the mastoid process	
	and the mastoid process	
IV	Pricess  Diseases of the Circulatory Syste Pericarditis  Acute endocarditis and myocarditis  0. Acute endocarditis  1. Acute myocarditis  Other diseases of the heart  0. Chronic endocarditis  1. Chronic myocarditis  2. Other chronic diseases of	m
86	Acute endocarditis and myocarditis	
	0. Acute endocarditis	
88	Angina pectoris	6
89	0. Chronic endocarditis	3
	1. Chronic myocarditis	4
	the heart	2
90	Aneurism Atheroma and other diseases of the	
92	77 1 11	2
	cerbral)	
93	Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	
94	cerbral	
95	(lymphangitis, etc.) Hemorrhage without determined cause; other diseases of the circulator causers.	
	cause; other diseases of the cir-	1
V	-Diseases of the Respiratory Syste	
96	Disease of the nasal fossae and their adnexa.  O. Diseases of the nasal fossae.	
	0. Diseases of the nasal fossae	
97	1. Others	
	1. Others Diseases of the larynx (except tuberculosis and cancer)	
98	Bronchitis	
	1. Chronic	
	5 years of age	1
	8. Not otherwise defined, 5 years and over	
99	Broncho pneumonia (incuding cap- illary bronchitis)	
	0. Broncho pneumonia	6
100	1. Capillary bronchitis	
100	Pneumonia 0. Lobar	1
	1. Not otherwise specified	
101	Fleurisy	
101	0. Pleurisy	

		10 - 511			
102	Congestion or parenchymatous hem- orrhage of the lung		0. Abortion 1 1. Ectopic gestation 1		3. Cocaine 1
103	Asthma 1	13.33	2. Other accidents of preg-		5. Opium (morphine)
105	Emphysema of the lung Other diseases of the respiratory	144	Puerperal hemorrhage		7. Others
-	system (tuberculosis excepted) 0. Chronic interstitial pneumo-		0. Cesarian section	178	
	nia (including occupational	17.00	1. Other surgical operations and instrumental delivery	118	Accidental burns and scalds (con- flagration excepted)
	diseases of the lung)	146	2. OthersPuerperal septicemia	116	1. Lamps
	2. Others	147	Phlegmasia alba dolens, puerperal embolism or sudden puerperal	1	2. Steam
	Diseases of the Digestive System	148	Puerperal abuminura or convul-		4. Matches
107	O. Diseases of the teeth and	149	childbirth (without other explana-		6. Others
	1. Other diseases of the buccal		tion)	180	7. Unknown
100	cavity and adnexa	1 Jan	Puerpera diseases of the breast  —Diseases of the Skin or Cellular	1000	0. Foreign body in laryax
100	Diseases of the pharynx and tonsils (includes adenoids)	1	Tissue.	181	Accidental absorption of irrespir-
	Streptoccic sore throat	151	Boil, carbuncle, furuncle		able or poisonous gas
	2. Tonsilitis	153 154a	Phlegmon, acute abscess  Tinea and alopecia (morbidity		1. Chloroform or ether
109	4. Others		only)		2. Coal gas
	Ulcer of the stomach and duode-	155	Other diseases of the skin and its		5. Other gases
	0. Ulcer of the stomach	X_	-Diseases of the Bones and Organs	182	6. Unknown
111	1. Ulcer of the duodenum Other diseases of the stomach (can-		of Locomotion.		0. Rivers, ponds, etc
A. C.	cer excepted	156	Diseases of the bones (tubercu- losis excepted)	183	Accidental injury by firearms
	1. Gastritis	157	Diseases of the joints (tuberculosis and rheumatism excepted)	184	(wounds of war excepted)
	2. Stricture or stenosis of py- lorus	158	Other diseases of the bones or or-		piercing instruments
112	8. Others  Diarrhea and enteritis (under 2		gans of locomotion	100	0. Down shafts, hatchways,
113	years of age)	159	Congenital malformations (still-	CONTRACTOR	holds of vessels
	over) 1		o. Hydrocephalus		2. From buildings
114	Ankylostomiasis  Diseases due to other intestinal		1. Malformations of the heart. 1 2. Others 1		4. From scaffolds
	parasites		XII Diseases of Early Infancy.		6. From vehicles
	liver excepted)	*	Congenital debility, icterus and		7. On streets, sidewalks, etc 8. Other falls
	2. Namatodes (other than an-		o. Marasmus	186	Accidental traumatism in mines and quarries
	kylostoma)		1. Inanition		0. In mines
	4. Other parasites 5. Parasites not specified		3. Sclerema	187	Accidental traumatism by machine
116 117	Appendicitis and typhlitis	161	Premature birth, or consequence of		0. Deaths by machinery
3 19 19	0. Hernia 1		0. Premature birth	188	Accidental traumatism by other crushing (vehicles, railways,
118	Other diseases of the intestines	162	1. Injury at birth Other diseases peculiar to early in-		lands ides, etc.)  O. Run over by wagons, trucks,
	0. Diseases of the anus and stercoral fistulae		fancy		etc
	1. Other diseases of the intes-		1. Atelectasis		2. Run over by other vehicles
119 120	Acute yellow atrophy of the liver  Hydatid tumor of the liver		3. Umbilical hemorrhage	1	3. Run over by electric surface cars
121	Cirrhosis of the liver	163	Lack of care		4. Run over by steam railroad
	0. Returned as alcoholic	104	XIII.—Old Age.		5. Run over by elevated rail- road cars
122 123	Other diseases of the liver	104	Old age (senility)		6. Run over by subway cars 7. Crushed by falling bodies
124	Diseases of the pancreas except	165	Suicide by solid or liquid poisons		8. Crushed by derricks, stones,
125	Peritonitis of unstated cause Other diseases of the digestive		(corrosive substances excepted)  0. Opium, morphine		9. Other causes
	system (cancer and tuberculosis		1. Strychnine	189	Injuries by animals (not poisoning) Wounds received in war
VII	.—Non-Venereal Diseases of the	188	3. Others	191	Executions of civilians by bellig-
V 11	Genito-Urinary System and		0. Arsenic (paris green)	1928	Excessive labor  Starvation (deprivation of food or
	its Adnexa.		2. Carbo c acid		water)
	Acute nephritis (including unspeci- fied under 10 years of age)	-	8. Cyanides (prussic acid)	193 194	Excessive cold
128	Chronic nephritis (including unspecified over 10 years of age 7		5. Muriatic acid (hydrochloric acid)	195	Other accidental electric shocks
129 130	Other diseases of the kidneys and	167	6. Other corrosive poisons	197	Homicide by firearms
	their adnexa (diseases of the		0. Illuminating gas	199	struments Homicide by other means
131	kidney in pregnancy excluded)	100	1. Chloroform	200	Infanticide (murder of infants less
132	Diseases of the bladder (except tumors)	168.	3. Others	201	than 1 year of age)
133	Diseases of the urethra, urinary abscess, etc.	169	O. Rivers, etc.	1	1. Sprains
	0. Stricture of the urethra	170	1. Others	202	2. Fractures (cause unspecified) Other external violence
134	Disease of the prostate (except)	171	Suicide by cutting or piercing in-		0. Criminal abortion
135	Non-veneral diseases of the male	172	struments Suicide by jumping from high		2. Salvarsan injection
136	Cysts and other benign tumors of	173	Suicide by crushing	1	8. Other medicaments (injection)
137	the ovary	174	Other suicides	203	4. Other external violence Violent deaths of which the cause
138	Benign tumors of the uterus 1		0. Mushrooms		is unknown
139	Non-puerperal uterine hemorrhage  Metritis		1. Shell fish	204	XV.—III-Defined Diseases. Sudden death.
141	Other diseases of the female genital organs	176	3. Others	205	Cause of death not specified or ill-
142	Non-puerperal diseases of the	177	Other acute accidental poisonings (gases excepted)		0. Ill-defined or not specified 1. No disease; malingering
	VII.—The Puerperal State.		0. Ethyl alcohol		2. Surgical operation
143	Accidents of pregnancy	1	2. Carbolic acid		TOTAL 115
		1			

### CONTAGIOUS HOSPITAL REPORT FOR NOVEMBER, 1924'

	Anterior Poliomyelitis	Cerebro-Spinal Meningitis	Chicken Pox	Septic Sore Throat	Diphtheria	Measles and Chicken Pox	Scarlet Fever	Scarlet Fever and Diphtheria	Tonsilitis	Diphtheria and Ophthalmia Neonatorum	Pneumonia (Lobar)	Acute Meningitis	Mumps	Typhoid Fever	Whooping Cough	Influenza Pneumonia	Scarlet Fever with Chiken Pox	German Measles	Scabies	Total
Patients admitted Termination { Recovery Death Left without permission					7 9		4 2	1			****	****		1	3					12 14

#### DEATHS BY AGES

	otal	ales	emale	
	H	X	EL C	
Under 1 day		4	0	
1-2 days	1	0	1 0	
2-3 days	0		0	
3 days-1 week	3	3	0	
1-2 weeks		1	2	
2-3 weeks		2	1	
3 weeks-1 month		0	2	
1-2 months		1	3	
2-3 months		2	1	
3-6 months		1	0	
6-9 months		1	1	
9-12 months	-	2	2	
1 year		0	0	
2 years		1	1	
3 years	. 0	0	0	
4 years		0	2	
5-9 years	2	1	0	
10-14 years		3	0	
15-19 years			2	
20-24 years		1	1	
25-29 years	1	0	3	
30-34 years	3	3	4	
35-39 years			7.3	
40-44 years	6	3	3	
45-49 years	5	4	1	
50-54 years	2	_	2	
55-59 years	5	3	2	
60-64 years	9		8	
65-69 years	. 15	7		
. 70-74 years	8	3	5	
75-79 years	9	10.00	_	
80-84 years	4	1	3	
85-89 years	0	0 10 10	0	
90-94 years	0	0	-	
95-99 years		0	0	
100+			0	
Unknown		•0		
Total	115	59	56	

#### DEATHS BY WARDS

1	10
2	17
3	8
4	11
5	0
6	14
7	
8	22
0	15

#### HOSPITALS

Fall River General Hospital10
Tuberculosis Division 2
Contagious Division
Union Hospital 6
St. Anne's Hospital 1
Truesdale Hospital 1
City Home
Home for Aged

#### STILL BIRTHS

Males	4
Females	5
Unknown	
Total	9

#### NATIVITY

Fall River	56
Massachusetts	. 5
Other States	. 9
Ireland	. 6
	.16
England	.10
Scotland	
Germany	- 10
Azores	. 6
Austria	
France	
Belgium	
Russia	
Portugal	
Italy	
Poland	1
Denmark	
Australia	
Sweden	
Greece	
Wales	. 1
Roumania	. 1
Syria	
Unknown	. 1

#### CEMETERIES

CEMETERIES	
Oak Grove	22
North Burial Ground	10
St. John's	T
St Mary's	
St. Mary's St. Patrick's	24
Notre Dame	
Nwoo Hill	
Bennett	7
Our Lady of Light	1
St. Mary's Polish	1
Sent away for interment	c
Sent away for interment Brought here for interment	0
brought here for interment	30
SEX	
Male	59
Female	56
COLOR	
White11	
Colored	2
recommendation to the property of the property of the party	
CONDITION	
Married	36
Single	
Widowed	
Divorced	
Unknown	
Unknown	1
Unknown There were 88 cases of contagion	1
Unknown There were 88 cases of contagion	1
There were 88 cases of contagion diseases reported for Nov., viz:	1 us
There were 88 cases of contagion diseases reported for Nov., viz:	1 us
There were 88 cases of contagion diseases reported for Nov., viz:  Diphtheria	1 us
Unknown	1 18 14 8 1
Unknown	1 1 8 1 24
Unknown  There were 88 cases of contagion diseases reported for Nov., viz:  Diphtheria	1 us 14 8 1 24 2
Unknown  There were 88 cases of contagion diseases reported for Nov., viz:  Diphtheria	1 us 14 8 1 24 2
Unknown  There were 88 cases of contagion diseases reported for Nov., viz:  Diphtheria	1 us 14 8 1 24 2 16
Unknown  There were 88 cases of contagion diseases reported for Nov., viz:  Diphtheria	1 us 14 8 1 24 2 16
Unknown  There were 88 cases of contagion diseases reported for Nov., viz:  Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, other forms Whooping Cough Measles Ophthalmia Neonatorum Suppurative Conjunctivitis	1 us 148124216 44
Unknown  There were 88 cases of contagion diseases reported for Nov., viz:  Diphtheria	1 us 148124216 44
Unknown  There were 88 cases of contagion diseases reported for Nov., viz:  Diphtheria	1 us 148124216 44
Unknown  There were 88 cases of contagion diseases reported for Nov., viz:  Diphtheria	1 us 14 8 1 24 2 16 4 4 4
Unknown  There were 88 cases of contagion diseases reported for Nov., viz:  Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, other forms Whooping Cough Measles Ophthalmia Neonatorum Suppurative Conjunctivitis Chicken Pox Anterior Poliomyelitis Cerebro-Spinal Meningitis Pneumonia, Lobar	1 us 148124216 444 5
Unknown  There were 88 cases of contagion diseases reported for Nov., viz:  Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, other forms Whooping Cough Measles Ophthalmia Neonatorum Suppurative Conjunctivitis Chicken Pox Anterior Poliomyelitis Cerebro-Spinal Meningitis Pneumonia, Lobar Influenza	1 us 148124216 444 51
Unknown  There were 88 cases of contagion diseases reported for Nov., viz:  Diphtheria	1 us 148124216 444 511
Unknown  There were 88 cases of contagion diseases reported for Nov., viz:  Diphtheria	1 us 148142216 444 51112
Unknown  There were 88 cases of contagion diseases reported for Nov., viz:  Diphtheria  Scarlet Fever  Typhoid Fever  Tuberculosis of Lungs  Tuberculosis, other forms  Whooping Cough  Measles  Ophthalmia Neonatorum  Suppurative Conjunctivitis  Chicken Pox  Anterior Poliomyelitis  Cerebro-Spinal Meningitis  Pneumonia, Lobar  Influenza  Septic Sore Throat  Mumps  German Measles	1 us 148124216 444 511
Unknown  There were 88 cases of contagion diseases reported for Nov., viz:  Diphtheria  Scarlet Fever  Typhoid Fever  Tuberculosis of Lungs  Tuberculosis, other forms  Whooping Cough  Measles  Ophthalmia Neonatorum  Suppurative Conjunctivitis  Chicken Pox  Anterior Poliomyelitis  Cerebro-Spinal Meningitis  Pneumonia, Lobar  Influenza  Septic Sore Throat  Mumps  German Measles	1 us 148142216 444 51112
Unknown  There were 88 cases of contagion diseases reported for Nov., viz:  Diphtheria  Scarlet Fever  Typhoid Fever  Tuberculosis of Lungs  Tuberculosis, other forms  Whooping Cough  Measles  Ophthalmia Neonatorum  Suppurative Conjunctivitis  Chicken Pox  Anterior Poliomyelitis  Cerebro-Spinal Meningitis  Pneumonia, Lobar  Influenza  Septic Sore Throat  Mumps  German Measles	1 us 148142216 444 51112
Unknown  There were 88 cases of contagion diseases reported for Nov., viz:  Diphtheria	1 us 148142216 444 51112
Unknown  There were 88 cases of contagion diseases reported for Nov., viz:  Diphtheria Scarlet Fever Typhoid Fever Tuberculosis of Lungs Tuberculosis, other forms Whooping Cough Measles Ophthalmia Neonatorum Suppurative Conjunctivitis Chicken Pox Anterior Poliomyelitis Cerebro-Spinal Meningitis Pneumonia, Lobar Influenza Septic Sore Throat Mumps German Measles Lethargica Encephalitis Dog Bite requiring anti-rabic treatment	1 us 148142216 444 51112

The following is the number of contagious diseases reported in each ward:

4 2-3 3-12 4-11 5-7 6-13 7-1 8-8 9-9

Estimating the population at 130,885, 115 deaths would give an annual death rate of 10.54 in 1,000 This is 27 less than last month and 4 more than the same month in 1923.

Deaths of non-residents.....5.

FRANK L. LARKIN, Secretary.